

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2021 This Form is Open to Public Inspection
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Part I Annual Report Identification Information	
For calendar plan year 2021 or fiscal plan year beginning <u>01/01/2021</u> and ending <u>12/31/2021</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report ☒ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	▶ ☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	▶ ☐

Part II Basic Plan Information—enter all requested information					
1a Name of plan <u>GREEN PLAINS INC. 401(K) PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 2px;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; padding: 2px; text-align: center;"><u>001</u></td> </tr> <tr> <td colspan="2" style="padding: 2px;">1c Effective date of plan <u>01/01/2008</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>001</u>	1c Effective date of plan <u>01/01/2008</u>	
1b Three-digit plan number (PN) ▶	<u>001</u>				
1c Effective date of plan <u>01/01/2008</u>					
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>GREEN PLAINS INC.</u> <u>1811 AKSARBEN DRIVE</u> <u>OMAHA, NE 68106</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 2px;">2b Employer Identification Number (EIN) <u>84-1652107</u></td> </tr> <tr> <td style="padding: 2px;">2c Plan Sponsor's telephone number <u>402-884-8700</u></td> </tr> <tr> <td style="padding: 2px;">2d Business code (see instructions) <u>325900</u></td> </tr> <tr> <td style="height: 40px;"></td> </tr> </table>	2b Employer Identification Number (EIN) <u>84-1652107</u>	2c Plan Sponsor's telephone number <u>402-884-8700</u>	2d Business code (see instructions) <u>325900</u>	
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2c Plan Sponsor's telephone number <u>402-884-8700</u>					
2d Business code (see instructions) <u>325900</u>					

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/14/2022	MIKELLE CARNAGEY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2021)
v. 210624

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN 3c Administrator's telephone number 	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN	
5 Total number of participants at the beginning of the plan year		5	1325
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year..... a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6a(1) 6a(2) 6b 6c 6d 6e 6f 6g 6h	1073 867 2 259 1128 2 1130 949 11
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....		7	
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2R 2T 3H b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:			
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)			
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2021 Form M-1 annual report. If the plan was not required to file the 2021 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2021
		This Form is Open to Public Inspection.

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021		
A Name of plan GREEN PLAINS INC. 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 GREEN PLAINS INC.	D Employer Identification Number (EIN) 84-1652107	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a** Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☐ Yes ☒ No
- b** If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

MERRILL LYNCH, PIERCE, FENNER AND S

13-5674085

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 52 59 60 62 63 71 72	RECORDKEEPER	15418	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

LUTZ & COMPANY, PC

47-0625816

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
70	ACCOUNTANT	9338	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
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(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	LUTZ & COMPANY, PC	b EIN:	47-0625816
c Position:	PLAN AUDITOR		
d Address:	13616 CALIFORNIA STREET, SUITE 300 OMAHA, NE 68154-5336	e Telephone:	402-496-8800

Explanation: NORMAL CHANGE IN PLAN AUDITOR

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2021 This Form is Open to Public Inspection
For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021		
A Name of plan GREEN PLAINS INC. 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 GREEN PLAINS INC.	D Employer Identification Number (EIN) 84-1652107	

Part I	Asset and Liability Statement		
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....		1a 575	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions		1b(1) 106709	0
(2) Participant contributions.....		1b(2) 76911	0
(3) Other		1b(3) 0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)		1c(1) 0	63922214
(2) U.S. Government securities		1c(2) 0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred		1c(3)(A) 0	0
(B) All other.....		1c(3)(B) 0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred		1c(4)(A) 0	0
(B) Common		1c(4)(B) 0	0
(5) Partnership/joint venture interests		1c(5) 0	0
(6) Real estate (other than employer real property)		1c(6) 0	0
(7) Loans (other than to participants).....		1c(7) 0	850093
(8) Participant loans		1c(8) 925808	0
(9) Value of interest in common/collective trusts		1c(9) 2623510	0
(10) Value of interest in pooled separate accounts		1c(10)	
(11) Value of interest in master trust investment accounts.....		1c(11)	
(12) Value of interest in 103-12 investment entities		1c(12)	
(13) Value of interest in registered investment companies (e.g., mutual funds)		1c(13) 59964457	0
(14) Value of funds held in insurance company general account (unallocated contracts).....		1c(14)	
(15) Other.....		1c(15) 1520428	0

		(a) Beginning of Year	(b) End of Year
1d Employer-related investments:			
(1) Employer securities.....	1d(1)	0	0
(2) Employer real property.....	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	65218398	64772307

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness.....	1i		
j Other liabilities.....	1j	0	
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	65218398	64772307
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	2077856	
(B) Participants	2a(1)(B)	3997248	
(C) Others (including rollovers).....	2a(1)(C)	472379	
(2) Noncash contributions.....	2a(2)	0	6547483
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)	4	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans.....	2b(1)(E)	36628	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		36632
(2) Dividends: (A) Preferred stock.....	2b(2)(A)	0	2600856
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	2600856	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		2600856
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions).....	2b(4)(B)	0	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		0
(B) Other	2b(5)(B)	0	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		37102
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		5343106
c Other income.....	2c		547606
d Total income. Add all income amounts in column (b) and enter total.....	2d		15112785
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	10516928	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other.....	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		10516928
f Corrective distributions (see instructions).....	2f		0
g Certain deemed distributions of participant loans (see instructions).....	2g		0
h Interest expense.....	2h		0
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)		
(4) Other.....	2i(4)	22156	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		22156
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		10539084
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d.....	2k		4573701
l Transfers of assets:			
(1) To this plan.....	2l(1)		0
(2) From this plan.....	2l(2)		5019792

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: CLIFTONLARSONALLEN LLP

(2) EIN: 41-0746749

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m	X		
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n	X		

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)
EMPLOYER FLEXIBLE 401(K) PLAN	27-4406361	333
HEREFORD ETHANOL PARTNERS LP 401(K) PLAN	85-3386534	001

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2021 This Form is Open to Public Inspection.
---	---	--

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan <u>GREEN PLAINS INC. 401(K) PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>GREEN PLAINS INC.</u>	D Employer Identification Number (EIN) <u>84-1652107</u>

Part I	Distributions
---------------	----------------------

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>94-1687665</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
----------------	---

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☐ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☐ N/A

Part III	Amendments
-----------------	-------------------

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☐ No
--	-----------------------------------	-----------------------------------	-------------------------------	-----------------------------

Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
----------------	---

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Schedule R (Form 5500) 2021
v. 201209

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....

14a

b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

14b

c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

14c

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year.....

15a

b The corresponding number for the second preceding plan year

15b

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year

16a

b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....

16b

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:

Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:

☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?

☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

- 20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation _____

GREEN PLAINS INC. 401(K) PLAN

**FINANCIAL STATEMENTS AND
ERISA-REQUIRED SUPPLEMENTAL SCHEDULE**

**AS OF DECEMBER 31, 2021 AND 2020 AND
FOR THE YEAR ENDED DECEMBER 31, 2021**



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**GREEN PLAINS INC. 401(K) PLAN
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AS OF DECEMBER 31, 2021 AND 2020 AND
FOR THE YEAR ENDED DECEMBER 31, 2021**

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INDEPENDENT AUDITORS' REPORT

Plan Administrator
Green Plains Inc. 401(k) Plan
Omaha, Nebraska

Report on the Audit of the Financial Statements

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2021 Financial Statements

We have performed an audit of the accompanying financial statements of Green Plains Inc. 401(k) Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2021, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the 2021 financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audit of the 2021 financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained a certification from a qualified institution as of and for the year ended December 31, 2021, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion on the 2021 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditors' Responsibilities for the Audit of the 2021 Financial Statements section:

- The amounts and disclosures in the 2021 financial statements referred to above, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the 2021 financial statements referred to above related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion on the 2021 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the 2021 Financial Statements section of our report. We are required to be independent of Green Plains Inc. 401(k) Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the 2021 Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Green Plains Inc. 401(k) Plan's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Management is also responsible for maintaining a current Plan instrument, including all Plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditors' Responsibilities for the Audit of the 2021 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2021 Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Green Plains Inc. 401(k) Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Green Plains Inc. 401(k) Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the 2021 financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

Other Matters

2021 Supplemental Schedule Required by ERISA

The supplemental schedule of assets (held at end of year) as of December 31, 2021 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Auditors' Report on the 2020 Financial Statements

The 2020 financial statements of Green Plains Inc. 401(k) Plan were audited by predecessor auditors. As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the Plan administrator instructed the predecessor auditor not to perform, and they did not perform, any auditing procedures with respect to the information certified by a qualified institution. Their report dated October 13, 2021, indicated that (a) because of the significant of the information that they did not audit, they were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, they did not express an opinion on the 2020 financial statements and supplemental schedule, and (b) the form and content of the information included in the 2020 financial statements and supplemental schedule other than that derived from the certified information, were presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.



CliftonLarsonAllen LLP

St. Cloud, Minnesota
October 13, 2022

GREEN PLAINS INC. 401(K) PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
DECEMBER 31, 2021 AND 2020

	<u>2021</u>	<u>2020</u>
ASSETS		
INVESTMENTS (at Fair Value)		
Mutual Funds	\$ -	\$ 59,964,457
Collective Trust Fund	-	2,623,510
Self-Directed Accounts	-	1,520,428
Total Investments	<u>-</u>	<u>64,108,395</u>
NON-INTEREST BEARING CASH	63,922,214	575
RECEIVABLES		
Notes Receivable from Participants	850,093	964,615
Employer Contributions	-	106,709
Employee Contributions	-	76,911
Total Receivables	<u>850,093</u>	<u>1,148,235</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 64,772,307</u></u>	<u><u>\$ 65,257,205</u></u>

See accompanying Notes to Financial Statements.

**GREEN PLAINS INC. 401(K) PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
YEAR ENDED DECEMBER 31, 2021**

ADDITIONS TO NET ASSETS ATTRIBUTED TO:

INVESTMENT INCOME

Net Appreciation in Fair Value of Investments	\$ 5,927,814
Interest and Dividends	<u>2,600,860</u>
Total Investment Income	8,528,674

INTEREST INCOME ON NOTES RECEIVABLE FROM PARTICIPANTS

36,628

CONTRIBUTIONS

Employer Match	2,077,856
Employee Deferrals	3,997,248
Participant Rollover	<u>472,379</u>
Total Contributions	<u>6,547,483</u>

Total Additions 15,112,785

DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO:

BENEFITS PAID TO PARTICIPANTS 10,555,735

ADMINISTRATIVE EXPENSES 22,156

Total Deductions 10,577,891

NET INCREASE BEFORE PLAN MERGERS 4,534,894

PLAN MERGERS (5,019,792)

NET DECREASE AFTER PLAN MERGERS (484,898)

NET ASSETS AVAILABLE FOR BENEFITS

Beginning of Year 65,257,205

End of Year \$ 64,772,307

See accompanying Notes to Financial Statements.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 1 DESCRIPTION OF PLAN

The following description of Green Plains Inc. 401(k) Plan (the Plan) provides general information only. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan originally effective January 1, 2008. The Plan has been amended and restated throughout the years. The Plan was most recently amended and restated effective January 1, 2022. The Plan covers substantially all employees of the Green Plains Inc. (the Company) and excludes employees covered by collective bargaining agreements, certain nonresident aliens and leased employees. Employees are eligible to participate immediately in the Plan and enter on the first payroll period following employment. The Plan is subject to ERISA, as amended.

Contributions

The Plan includes a salary deferral arrangement allowed under Section 401(k) of the Internal Revenue Code (IRC). Eligible participants are permitted to elect to have a percentage, limited by Plan provisions, of their compensation contributed as pre-tax or Roth contributions to the Plan. Participants age 50 or older are allowed to make catch-up contributions.

The Company makes a safe harbor matching contribution equal to 100% of the first 3% of the participant's deferral contributions plus 50% of the participant's deferral contributions between 3% and 5% of the participants eligible compensation. The Company may also make a discretionary matching or nonelective profit sharing contribution to the Plan. Participants must be employed on the last day of the Plan year to share in the Company discretionary contributions unless termination is a result of death, disability or retirement. There were no Company authorized discretionary contributions for the year ended December 31, 2021.

Participants direct the investment of contributions into various investment options offered by the Plan. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans or conduit IRAs. Contributions are subject to Internal Revenue Service (IRS) limitations.

Participant Accounts

Each participant's account is credited with the participant's contribution, an allocation of the Company's safe harbor matching contribution, an allocation of the Company's discretionary matching and nonelective contributions, and an allocation of Plan earnings or losses. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings or account balances as defined. Income is allocated daily based on the shares in the participant's account. The benefit to which a participant is entitled is the benefit that can be provided by the participant's vested account.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 1 DESCRIPTION OF PLAN (CONTINUED)

Vesting

Participants are immediately vested in their contributions and safe harbor matching contributions plus actual earnings thereon. Vesting in the Company's discretionary matching and nonelective contribution portion of their accounts, plus actual earnings thereon, is based on years of continuous service using a graded vesting schedule. A participant is 100% vested after the completion of five years of credited service.

Notwithstanding the above, a participant is fully vested upon reaching normal retirement age, death, or permanent disability.

Notes Receivable from Participants

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The Plan allows participants to borrow funds from the Plan based on certain conditions as defined by the Plan. The notes are secured by the balance in the participant's account and bear interest at the prime rate plus 1%. Notes are repaid ratably through payroll deductions.

Forfeited Accounts

Forfeitures of nonvested Company matching and discretionary contribution accounts are used to pay Plan expenses, then used to reduce future Company contributions and then reallocated. At December 31, 2021 and 2020, forfeited nonvested accounts totaled \$668 and \$455, respectively. There were no material forfeitures used to pay Plan expenses, used to reduce Company discretionary contributions or reallocated to participants during the year ended December 31, 2021.

Benefit Payments

Upon termination of service, death, disability, or retirement (age 65), the participant will receive the value of the vested interest in his or her account in the form of a lump sum distribution. If a participant terminates employment and the participant's account balance does not exceed \$1,000, the Plan administrator will authorize the benefit payment without the participant's consent. If the balance of the terminated participant's account is between \$1,000 and \$5,000, the Plan Sponsor may authorize that the benefit payment be rolled into an individual retirement account in the participant's name. The Plan also allows for in-service distributions and hardship distributions, subject to Plan provisions.

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Investment Valuation and Income Recognition

The Plan's investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan administrator determines the Plan's valuation policies utilizing information provided by the investment advisor and trustee. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2021 and 2020. If a participant ceases to make note repayments and the Plan administrator deems the participant note to be in default, the participant note balance will be deemed taxable to the participant.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires the Plan administrator to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Estimates also affect the reported amounts of changes in net assets during the reporting period. Actual results could differ from those estimates.

Administrative Expenses

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Certain fees related to the administration of notes receivable from participants, benefit payments, investment advisory and custodial services are charged directly to the participant's account and are included in administrative expense. Investment related expenses including revenue sharing credits are included in net appreciation of fair value of investments.

According to the agreement between the Company and Bank of America, N.A. and Merrill Lynch, the service providers, there is revenue sharing credits/contributions to an Expense Budget Account (EBA). The funds in the EBA may be used to pay Plan administrative expenses. As of December 31, 2021 and 2020, funds of \$111,650 and \$3,376 were available in the EBA for future administrative expenses. During the year ended December 31, 2021, \$102,874 were used to pay Plan expenses.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Benefit Payments

Benefits are recorded when paid.

Subsequent Events

The Plan has evaluated subsequent events through October 13, 2022, the date the financial statements were available to be issued (see Note 11).

NOTE 3 CERTIFICATION OF INVESTMENT INFORMATION

The Plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Bank of America, N.A., the trustee, have supplied the Plan administrator with a certification as to the completeness and accuracy of the notes receivable from participants and all investment information presented in the accompanying statements of net assets available for benefits as of December 31, 2021 and 2020, the statement of changes in net assets available for benefits for the year ended December 31, 2021, and the supplemental schedule of assets (held at end of year) as of December 31, 2021.

NOTE 4 FAIR VALUE OF INVESTMENTS

Financial Accounting Standards Board (FASB) *Accounting Standards Codification* (ASC) 820, *Fair Value Measurements and Disclosures*, provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described as follows:

Level 1 – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 – Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

- quoted prices for similar assets or liabilities in active markets;
- quoted prices for identical or similar assets or liabilities in inactive markets;
- inputs other than quoted prices that are observable for the asset or liability;
- inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 4 FAIR VALUE OF INVESTMENTS (CONTINUED)

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair market value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. Management has re-evaluated and changed the method of valuation of the pool separate accounts from reporting at net asset value (NAV) to reporting them in the fair value table.

Mutual Funds: Valued at the daily closing price as reported by the fund. Funds held by the Plan are open-end funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily NAV and to transact at that price. The funds held by the Plan are deemed to be actively traded.

Collective Fund: Valued daily at the NAV of units of the bank collective trust. NAV is a readily determinable fair value and is the basis for current transactions. Participant transactions (purchases and sales) may occur daily.

Self-Directed Brokerage Accounts: Consist primarily of common stock and mutual funds that are valued on the basis of readily determinable quoted market prices.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2020:

	Level 1	Level 2	Level 3	Total
Mutual Funds	\$ 59,964,457	\$ -	\$ -	\$ 59,964,457
Collective Trust Fund	-	2,623,510	-	2,623,510
Self-Directed Accounts	1,520,428	-	-	1,520,428
Total Investments at Fair Value	<u>\$ 61,484,885</u>	<u>\$ 2,623,510</u>	<u>\$ -</u>	<u>\$ 64,108,395</u>

In conjunction with the change in service providers, there were no investments held by the Plan as of December 31, 2021 (see Note 11).

NOTE 5 RISKS AND UNCERTAINTIES

The Plan provides for investment in a variety of investment funds. In general, investments are exposed to various risks, such as interest rate, credit, and overall market volatility risk. Due to the level of risk associated with certain investments, it is reasonably possible that changes in the values of the investments will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 6 PLAN TERMINATION

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, the participants will become 100% vested in their discretionary matching and nonelective accounts.

NOTE 7 PLAN TAX STATUS

The Plan is placing reliance on a determination letter dated June 16, 2017 received from the IRS on the Plan indicating that the Plan is qualified under Section 401 of the IRC and is, therefore, not subject to tax under current income tax law. The Plan has been amended since receiving the determination letter. However, the Plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

NOTE 8 PARTY-IN-INTEREST TRANSACTIONS

The Plan investments are held by Bank of America, N.A., the trustee. Therefore, the investment transactions qualify as party-in-interest.

NOTE 9 RECONCILIATION TO FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500 as of December 31:

	2021	2020
Net Assets Available for Benefits per the Financial Statements	\$ 64,772,307	\$ 65,257,205
Deemed Loan Distributions	-	(38,807)
Net Assets Available for Benefits per the Form 5500	<u>\$ 64,772,307</u>	<u>\$ 65,218,398</u>

The following is a reconciliation of net decrease per the financial statements to the Form 5500 as of December 31, 2021:

Net Increase per the Financial Statements	\$ 4,534,894
Change in Deemed Loan Distributions	38,807
Net Increase - per Form 5500	<u>\$ 4,573,701</u>

GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020

NOTE 10 PLAN MERGERS

During 2021, the Company sold Green Plains Cattle Company, LLC. Effective January 1, 2021, the Company resolved to merge this group into the Employer Flexible 401(k) Plan as part of the sale. Assets in the amount of \$4,326,644 merged out the Plan on January 1, 2021.

During 2021, the Company sold Hereford Ethanol Division of Green Plains, Inc. Effective April 1, 2021, the Company resolved to merge this group into the Hereford Ethanol Partners LP 401(k) Plan as part of the sale. Assets in the amount of \$693,148 merged out the Plan on April 1, 2021.

NOTE 11 SUBSEQUENT EVENTS

Effective January 1, 2022, the Company resolved to change service providers from Bank of America, N.A, the trustee, and Merrill Lynch, the third-party recordkeeper, to Great-West Trust Company, the custodian, Empower Retirement, the third-party recordkeeper and Mercer Trust Company, the trustee. All assets were liquidated as of December 31, 2021 and transferred with the notes receivable from participants to the new provider on January 1, 2022.

During 2021, the Company acquired Fluid Quip Technologies, LLC. Effective January 1, 2022, the Company resolved to merge the Fluid Quip Technologies, LLC 401(k) Profit Sharing Plan into the Plan. Assets in the amount of \$2,904,540 merged into the Plan on January 1, 2022.

GREEN PLAINS INC. 401(K) PLAN
E.I.N. 84-1652107 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR)
DECEMBER 31, 2021

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost **	Current Value
*	Participants	Participant Loans Rates from 4.25% to 6.50%	-	\$ 850,093

* Indicates party-in-interest

**Cost omitted for participant-directed accounts



CLA (CliftonLarsonAllen LLP) is a network member of CLA Global. See CLAGlobal.com/disclaimer. Investment advisory services are offered through CliftonLarsonAllen Wealth Advisors, LLC, an SEC-registered investment advisor.

Attachment to 2021 Form 5500
Schedule H, line 4i - Schedule of Assets (Held At End of Year)

Plan Name: Green Plains Inc. 401(k) Plan
Plan Sponsor's Name: Green Plains Inc.

EIN:84-1652107
PN:001

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value.	(d) Cost	(e) Current Value
	ACCRUED INCOME	ACCRUED INCOME	445	445
	BLF FEDFUND	MONEY MARKET	63,922,214	63,922,214
	UNINVESTED CASH	UNINVESTED CASH	0	0

GREEN PLAINS INC. 401(K) PLAN

**FINANCIAL STATEMENTS AND
ERISA-REQUIRED SUPPLEMENTAL SCHEDULE**

**AS OF DECEMBER 31, 2021 AND 2020 AND
FOR THE YEAR ENDED DECEMBER 31, 2021**



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**GREEN PLAINS INC. 401(K) PLAN
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AS OF DECEMBER 31, 2021 AND 2020 AND
FOR THE YEAR ENDED DECEMBER 31, 2021**

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INDEPENDENT AUDITORS' REPORT

Plan Administrator
Green Plains Inc. 401(k) Plan
Omaha, Nebraska

Report on the Audit of the Financial Statements

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2021 Financial Statements

We have performed an audit of the accompanying financial statements of Green Plains Inc. 401(k) Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2021, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the 2021 financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audit of the 2021 financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained a certification from a qualified institution as of and for the year ended December 31, 2021, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion on the 2021 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditors' Responsibilities for the Audit of the 2021 Financial Statements section:

- The amounts and disclosures in the 2021 financial statements referred to above, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the 2021 financial statements referred to above related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion on the 2021 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the 2021 Financial Statements section of our report. We are required to be independent of Green Plains Inc. 401(k) Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the 2021 Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Green Plains Inc. 401(k) Plan's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Management is also responsible for maintaining a current Plan instrument, including all Plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditors' Responsibilities for the Audit of the 2021 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2021 Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Green Plains Inc. 401(k) Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Green Plains Inc. 401(k) Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the 2021 financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

Other Matters

2021 Supplemental Schedule Required by ERISA

The supplemental schedule of assets (held at end of year) as of December 31, 2021 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Auditors' Report on the 2020 Financial Statements

The 2020 financial statements of Green Plains Inc. 401(k) Plan were audited by predecessor auditors. As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the Plan administrator instructed the predecessor auditor not to perform, and they did not perform, any auditing procedures with respect to the information certified by a qualified institution. Their report dated October 13, 2021, indicated that (a) because of the significant of the information that they did not audit, they were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, they did not express an opinion on the 2020 financial statements and supplemental schedule, and (b) the form and content of the information included in the 2020 financial statements and supplemental schedule other than that derived from the certified information, were presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.



CliftonLarsonAllen LLP

St. Cloud, Minnesota
October 13, 2022

GREEN PLAINS INC. 401(K) PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
DECEMBER 31, 2021 AND 2020

	<u>2021</u>	<u>2020</u>
ASSETS		
INVESTMENTS (at Fair Value)		
Mutual Funds	\$ -	\$ 59,964,457
Collective Trust Fund	-	2,623,510
Self-Directed Accounts	-	1,520,428
Total Investments	<u>-</u>	<u>64,108,395</u>
NON-INTEREST BEARING CASH	63,922,214	575
RECEIVABLES		
Notes Receivable from Participants	850,093	964,615
Employer Contributions	-	106,709
Employee Contributions	-	76,911
Total Receivables	<u>850,093</u>	<u>1,148,235</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 64,772,307</u></u>	<u><u>\$ 65,257,205</u></u>

See accompanying Notes to Financial Statements.

GREEN PLAINS INC. 401(K) PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
YEAR ENDED DECEMBER 31, 2021

ADDITIONS TO NET ASSETS ATTRIBUTED TO:

INVESTMENT INCOME

Net Appreciation in Fair Value of Investments	\$ 5,927,814
Interest and Dividends	<u>2,600,860</u>
Total Investment Income	8,528,674

INTEREST INCOME ON NOTES RECEIVABLE FROM PARTICIPANTS

36,628

CONTRIBUTIONS

Employer Match	2,077,856
Employee Deferrals	3,997,248
Participant Rollover	<u>472,379</u>
Total Contributions	<u>6,547,483</u>

Total Additions	15,112,785
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DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO:

BENEFITS PAID TO PARTICIPANTS	10,555,735
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ADMINISTRATIVE EXPENSES	<u>22,156</u>
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Total Deductions	<u>10,577,891</u>
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NET INCREASE BEFORE PLAN MERGERS	4,534,894
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PLAN MERGERS	<u>(5,019,792)</u>
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NET DECREASE AFTER PLAN MERGERS	(484,898)
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NET ASSETS AVAILABLE FOR BENEFITS

Beginning of Year	<u>65,257,205</u>
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End of Year	<u><u>\$ 64,772,307</u></u>
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See accompanying Notes to Financial Statements.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 1 DESCRIPTION OF PLAN

The following description of Green Plains Inc. 401(k) Plan (the Plan) provides general information only. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan originally effective January 1, 2008. The Plan has been amended and restated throughout the years. The Plan was most recently amended and restated effective January 1, 2022. The Plan covers substantially all employees of the Green Plains Inc. (the Company) and excludes employees covered by collective bargaining agreements, certain nonresident aliens and leased employees. Employees are eligible to participate immediately in the Plan and enter on the first payroll period following employment. The Plan is subject to ERISA, as amended.

Contributions

The Plan includes a salary deferral arrangement allowed under Section 401(k) of the Internal Revenue Code (IRC). Eligible participants are permitted to elect to have a percentage, limited by Plan provisions, of their compensation contributed as pre-tax or Roth contributions to the Plan. Participants age 50 or older are allowed to make catch-up contributions.

The Company makes a safe harbor matching contribution equal to 100% of the first 3% of the participant's deferral contributions plus 50% of the participant's deferral contributions between 3% and 5% of the participants eligible compensation. The Company may also make a discretionary matching or nonelective profit sharing contribution to the Plan. Participants must be employed on the last day of the Plan year to share in the Company discretionary contributions unless termination is a result of death, disability or retirement. There were no Company authorized discretionary contributions for the year ended December 31, 2021.

Participants direct the investment of contributions into various investment options offered by the Plan. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans or conduit IRAs. Contributions are subject to Internal Revenue Service (IRS) limitations.

Participant Accounts

Each participant's account is credited with the participant's contribution, an allocation of the Company's safe harbor matching contribution, an allocation of the Company's discretionary matching and nonelective contributions, and an allocation of Plan earnings or losses. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings or account balances as defined. Income is allocated daily based on the shares in the participant's account. The benefit to which a participant is entitled is the benefit that can be provided by the participant's vested account.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 1 DESCRIPTION OF PLAN (CONTINUED)

Vesting

Participants are immediately vested in their contributions and safe harbor matching contributions plus actual earnings thereon. Vesting in the Company's discretionary matching and nonelective contribution portion of their accounts, plus actual earnings thereon, is based on years of continuous service using a graded vesting schedule. A participant is 100% vested after the completion of five years of credited service.

Notwithstanding the above, a participant is fully vested upon reaching normal retirement age, death, or permanent disability.

Notes Receivable from Participants

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The Plan allows participants to borrow funds from the Plan based on certain conditions as defined by the Plan. The notes are secured by the balance in the participant's account and bear interest at the prime rate plus 1%. Notes are repaid ratably through payroll deductions.

Forfeited Accounts

Forfeitures of nonvested Company matching and discretionary contribution accounts are used to pay Plan expenses, then used to reduce future Company contributions and then reallocated. At December 31, 2021 and 2020, forfeited nonvested accounts totaled \$668 and \$455, respectively. There were no material forfeitures used to pay Plan expenses, used to reduce Company discretionary contributions or reallocated to participants during the year ended December 31, 2021.

Benefit Payments

Upon termination of service, death, disability, or retirement (age 65), the participant will receive the value of the vested interest in his or her account in the form of a lump sum distribution. If a participant terminates employment and the participant's account balance does not exceed \$1,000, the Plan administrator will authorize the benefit payment without the participant's consent. If the balance of the terminated participant's account is between \$1,000 and \$5,000, the Plan Sponsor may authorize that the benefit payment be rolled into an individual retirement account in the participant's name. The Plan also allows for in-service distributions and hardship distributions, subject to Plan provisions.

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Investment Valuation and Income Recognition

The Plan's investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan administrator determines the Plan's valuation policies utilizing information provided by the investment advisor and trustee. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2021 and 2020. If a participant ceases to make note repayments and the Plan administrator deems the participant note to be in default, the participant note balance will be deemed taxable to the participant.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires the Plan administrator to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Estimates also affect the reported amounts of changes in net assets during the reporting period. Actual results could differ from those estimates.

Administrative Expenses

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Certain fees related to the administration of notes receivable from participants, benefit payments, investment advisory and custodial services are charged directly to the participant's account and are included in administrative expense. Investment related expenses including revenue sharing credits are included in net appreciation of fair value of investments.

According to the agreement between the Company and Bank of America, N.A. and Merrill Lynch, the service providers, there is revenue sharing credits/contributions to an Expense Budget Account (EBA). The funds in the EBA may be used to pay Plan administrative expenses. As of December 31, 2021 and 2020, funds of \$111,650 and \$3,376 were available in the EBA for future administrative expenses. During the year ended December 31, 2021, \$102,874 were used to pay Plan expenses.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Benefit Payments

Benefits are recorded when paid.

Subsequent Events

The Plan has evaluated subsequent events through October 13, 2022, the date the financial statements were available to be issued (see Note 11).

NOTE 3 CERTIFICATION OF INVESTMENT INFORMATION

The Plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Bank of America, N.A., the trustee, have supplied the Plan administrator with a certification as to the completeness and accuracy of the notes receivable from participants and all investment information presented in the accompanying statements of net assets available for benefits as of December 31, 2021 and 2020, the statement of changes in net assets available for benefits for the year ended December 31, 2021, and the supplemental schedule of assets (held at end of year) as of December 31, 2021.

NOTE 4 FAIR VALUE OF INVESTMENTS

Financial Accounting Standards Board (FASB) *Accounting Standards Codification* (ASC) 820, *Fair Value Measurements and Disclosures*, provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described as follows:

Level 1 – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 – Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

- quoted prices for similar assets or liabilities in active markets;
- quoted prices for identical or similar assets or liabilities in inactive markets;
- inputs other than quoted prices that are observable for the asset or liability;
- inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 4 FAIR VALUE OF INVESTMENTS (CONTINUED)

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair market value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. Management has re-evaluated and changed the method of valuation of the pool separate accounts from reporting at net asset value (NAV) to reporting them in the fair value table.

Mutual Funds: Valued at the daily closing price as reported by the fund. Funds held by the Plan are open-end funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily NAV and to transact at that price. The funds held by the Plan are deemed to be actively traded.

Collective Fund: Valued daily at the NAV of units of the bank collective trust. NAV is a readily determinable fair value and is the basis for current transactions. Participant transactions (purchases and sales) may occur daily.

Self-Directed Brokerage Accounts: Consist primarily of common stock and mutual funds that are valued on the basis of readily determinable quoted market prices.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2020:

	Level 1	Level 2	Level 3	Total
Mutual Funds	\$ 59,964,457	\$ -	\$ -	\$ 59,964,457
Collective Trust Fund	-	2,623,510	-	2,623,510
Self-Directed Accounts	1,520,428	-	-	1,520,428
Total Investments at Fair Value	<u>\$ 61,484,885</u>	<u>\$ 2,623,510</u>	<u>\$ -</u>	<u>\$ 64,108,395</u>

In conjunction with the change in service providers, there were no investments held by the Plan as of December 31, 2021 (see Note 11).

NOTE 5 RISKS AND UNCERTAINTIES

The Plan provides for investment in a variety of investment funds. In general, investments are exposed to various risks, such as interest rate, credit, and overall market volatility risk. Due to the level of risk associated with certain investments, it is reasonably possible that changes in the values of the investments will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 6 PLAN TERMINATION

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, the participants will become 100% vested in their discretionary matching and nonelective accounts.

NOTE 7 PLAN TAX STATUS

The Plan is placing reliance on a determination letter dated June 16, 2017 received from the IRS on the Plan indicating that the Plan is qualified under Section 401 of the IRC and is, therefore, not subject to tax under current income tax law. The Plan has been amended since receiving the determination letter. However, the Plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

NOTE 8 PARTY-IN-INTEREST TRANSACTIONS

The Plan investments are held by Bank of America, N.A., the trustee. Therefore, the investment transactions qualify as party-in-interest.

NOTE 9 RECONCILIATION TO FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500 as of December 31:

	2021	2020
Net Assets Available for Benefits per the Financial Statements	\$ 64,772,307	\$ 65,257,205
Deemed Loan Distributions	-	(38,807)
Net Assets Available for Benefits per the Form 5500	<u>\$ 64,772,307</u>	<u>\$ 65,218,398</u>

The following is a reconciliation of net decrease per the financial statements to the Form 5500 as of December 31, 2021:

Net Increase per the Financial Statements	\$ 4,534,894
Change in Deemed Loan Distributions	38,807
Net Increase - per Form 5500	<u>\$ 4,573,701</u>

GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020

NOTE 10 PLAN MERGERS

During 2021, the Company sold Green Plains Cattle Company, LLC. Effective January 1, 2021, the Company resolved to merge this group into the Employer Flexible 401(k) Plan as part of the sale. Assets in the amount of \$4,326,644 merged out the Plan on January 1, 2021.

During 2021, the Company sold Hereford Ethanol Division of Green Plains, Inc. Effective April 1, 2021, the Company resolved to merge this group into the Hereford Ethanol Partners LP 401(k) Plan as part of the sale. Assets in the amount of \$693,148 merged out the Plan on April 1, 2021.

NOTE 11 SUBSEQUENT EVENTS

Effective January 1, 2022, the Company resolved to change service providers from Bank of America, N.A, the trustee, and Merrill Lynch, the third-party recordkeeper, to Great-West Trust Company, the custodian, Empower Retirement, the third-party recordkeeper and Mercer Trust Company, the trustee. All assets were liquidated as of December 31, 2021 and transferred with the notes receivable from participants to the new provider on January 1, 2022.

During 2021, the Company acquired Fluid Quip Technologies, LLC. Effective January 1, 2022, the Company resolved to merge the Fluid Quip Technologies, LLC 401(k) Profit Sharing Plan into the Plan. Assets in the amount of \$2,904,540 merged into the Plan on January 1, 2022.

GREEN PLAINS INC. 401(K) PLAN
E.I.N. 84-1652107 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR)
DECEMBER 31, 2021

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost **	Current Value
*	Participants	Participant Loans Rates from 4.25% to 6.50%	-	\$ 850,093

* Indicates party-in-interest

**Cost omitted for participant-directed accounts



CLA (CliftonLarsonAllen LLP) is a network member of CLA Global. See CLAGlobal.com/disclaimer. Investment advisory services are offered through CliftonLarsonAllen Wealth Advisors, LLC, an SEC-registered investment advisor.

GREEN PLAINS INC. 401(K) PLAN
FINANCIAL STATEMENTS AND
ERISA-REQUIRED SUPPLEMENTAL SCHEDULE
AS OF DECEMBER 31, 2021 AND 2020 AND
FOR THE YEAR ENDED DECEMBER 31, 2021



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**GREEN PLAINS INC. 401(K) PLAN
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AS OF DECEMBER 31, 2021 AND 2020 AND
FOR THE YEAR ENDED DECEMBER 31, 2021**

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INDEPENDENT AUDITORS' REPORT

Plan Administrator
Green Plains Inc. 401(k) Plan
Omaha, Nebraska

Report on the Audit of the Financial Statements

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2021 Financial Statements

We have performed an audit of the accompanying financial statements of Green Plains Inc. 401(k) Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2021, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the 2021 financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audit of the 2021 financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained a certification from a qualified institution as of and for the year ended December 31, 2021, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion on the 2021 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditors' Responsibilities for the Audit of the 2021 Financial Statements section:

- The amounts and disclosures in the 2021 financial statements referred to above, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the 2021 financial statements referred to above related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion on the 2021 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the 2021 Financial Statements section of our report. We are required to be independent of Green Plains Inc. 401(k) Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the 2021 Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Green Plains Inc. 401(k) Plan's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Management is also responsible for maintaining a current Plan instrument, including all Plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditors' Responsibilities for the Audit of the 2021 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2021 Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Green Plains Inc. 401(k) Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Green Plains Inc. 401(k) Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the 2021 financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

Other Matters

2021 Supplemental Schedule Required by ERISA

The supplemental schedule of assets (held at end of year) as of December 31, 2021 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Auditors' Report on the 2020 Financial Statements

The 2020 financial statements of Green Plains Inc. 401(k) Plan were audited by predecessor auditors. As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the Plan administrator instructed the predecessor auditor not to perform, and they did not perform, any auditing procedures with respect to the information certified by a qualified institution. Their report dated October 13, 2021, indicated that (a) because of the significant of the information that they did not audit, they were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, they did not express an opinion on the 2020 financial statements and supplemental schedule, and (b) the form and content of the information included in the 2020 financial statements and supplemental schedule other than that derived from the certified information, were presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.



CliftonLarsonAllen LLP

St. Cloud, Minnesota
October 13, 2022

GREEN PLAINS INC. 401(K) PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
DECEMBER 31, 2021 AND 2020

	<u>2021</u>	<u>2020</u>
ASSETS		
INVESTMENTS (at Fair Value)		
Mutual Funds	\$ -	\$ 59,964,457
Collective Trust Fund	-	2,623,510
Self-Directed Accounts	-	1,520,428
Total Investments	<u>-</u>	<u>64,108,395</u>
NON-INTEREST BEARING CASH	63,922,214	575
RECEIVABLES		
Notes Receivable from Participants	850,093	964,615
Employer Contributions	-	106,709
Employee Contributions	-	76,911
Total Receivables	<u>850,093</u>	<u>1,148,235</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 64,772,307</u></u>	<u><u>\$ 65,257,205</u></u>

See accompanying Notes to Financial Statements.

**GREEN PLAINS INC. 401(K) PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
YEAR ENDED DECEMBER 31, 2021**

ADDITIONS TO NET ASSETS ATTRIBUTED TO:

INVESTMENT INCOME

Net Appreciation in Fair Value of Investments	\$ 5,927,814
Interest and Dividends	<u>2,600,860</u>
Total Investment Income	8,528,674

INTEREST INCOME ON NOTES RECEIVABLE FROM PARTICIPANTS

36,628

CONTRIBUTIONS

Employer Match	2,077,856
Employee Deferrals	3,997,248
Participant Rollover	<u>472,379</u>
Total Contributions	<u>6,547,483</u>

Total Additions	15,112,785
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DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO:

BENEFITS PAID TO PARTICIPANTS	10,555,735
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ADMINISTRATIVE EXPENSES	<u>22,156</u>
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Total Deductions	<u>10,577,891</u>
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NET INCREASE BEFORE PLAN MERGERS	4,534,894
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PLAN MERGERS	<u>(5,019,792)</u>
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NET DECREASE AFTER PLAN MERGERS	(484,898)
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NET ASSETS AVAILABLE FOR BENEFITS

Beginning of Year	<u>65,257,205</u>
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End of Year	<u><u>\$ 64,772,307</u></u>
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See accompanying Notes to Financial Statements.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 1 DESCRIPTION OF PLAN

The following description of Green Plains Inc. 401(k) Plan (the Plan) provides general information only. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan originally effective January 1, 2008. The Plan has been amended and restated throughout the years. The Plan was most recently amended and restated effective January 1, 2022. The Plan covers substantially all employees of the Green Plains Inc. (the Company) and excludes employees covered by collective bargaining agreements, certain nonresident aliens and leased employees. Employees are eligible to participate immediately in the Plan and enter on the first payroll period following employment. The Plan is subject to ERISA, as amended.

Contributions

The Plan includes a salary deferral arrangement allowed under Section 401(k) of the Internal Revenue Code (IRC). Eligible participants are permitted to elect to have a percentage, limited by Plan provisions, of their compensation contributed as pre-tax or Roth contributions to the Plan. Participants age 50 or older are allowed to make catch-up contributions.

The Company makes a safe harbor matching contribution equal to 100% of the first 3% of the participant's deferral contributions plus 50% of the participant's deferral contributions between 3% and 5% of the participants eligible compensation. The Company may also make a discretionary matching or nonelective profit sharing contribution to the Plan. Participants must be employed on the last day of the Plan year to share in the Company discretionary contributions unless termination is a result of death, disability or retirement. There were no Company authorized discretionary contributions for the year ended December 31, 2021.

Participants direct the investment of contributions into various investment options offered by the Plan. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans or conduit IRAs. Contributions are subject to Internal Revenue Service (IRS) limitations.

Participant Accounts

Each participant's account is credited with the participant's contribution, an allocation of the Company's safe harbor matching contribution, an allocation of the Company's discretionary matching and nonelective contributions, and an allocation of Plan earnings or losses. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings or account balances as defined. Income is allocated daily based on the shares in the participant's account. The benefit to which a participant is entitled is the benefit that can be provided by the participant's vested account.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 1 DESCRIPTION OF PLAN (CONTINUED)

Vesting

Participants are immediately vested in their contributions and safe harbor matching contributions plus actual earnings thereon. Vesting in the Company's discretionary matching and nonelective contribution portion of their accounts, plus actual earnings thereon, is based on years of continuous service using a graded vesting schedule. A participant is 100% vested after the completion of five years of credited service.

Notwithstanding the above, a participant is fully vested upon reaching normal retirement age, death, or permanent disability.

Notes Receivable from Participants

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The Plan allows participants to borrow funds from the Plan based on certain conditions as defined by the Plan. The notes are secured by the balance in the participant's account and bear interest at the prime rate plus 1%. Notes are repaid ratably through payroll deductions.

Forfeited Accounts

Forfeitures of nonvested Company matching and discretionary contribution accounts are used to pay Plan expenses, then used to reduce future Company contributions and then reallocated. At December 31, 2021 and 2020, forfeited nonvested accounts totaled \$668 and \$455, respectively. There were no material forfeitures used to pay Plan expenses, used to reduce Company discretionary contributions or reallocated to participants during the year ended December 31, 2021.

Benefit Payments

Upon termination of service, death, disability, or retirement (age 65), the participant will receive the value of the vested interest in his or her account in the form of a lump sum distribution. If a participant terminates employment and the participant's account balance does not exceed \$1,000, the Plan administrator will authorize the benefit payment without the participant's consent. If the balance of the terminated participant's account is between \$1,000 and \$5,000, the Plan Sponsor may authorize that the benefit payment be rolled into an individual retirement account in the participant's name. The Plan also allows for in-service distributions and hardship distributions, subject to Plan provisions.

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Investment Valuation and Income Recognition

The Plan's investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan administrator determines the Plan's valuation policies utilizing information provided by the investment advisor and trustee. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

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Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2021 and 2020. If a participant ceases to make note repayments and the Plan administrator deems the participant note to be in default, the participant note balance will be deemed taxable to the participant.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires the Plan administrator to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Estimates also affect the reported amounts of changes in net assets during the reporting period. Actual results could differ from those estimates.

Administrative Expenses

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Certain fees related to the administration of notes receivable from participants, benefit payments, investment advisory and custodial services are charged directly to the participant's account and are included in administrative expense. Investment related expenses including revenue sharing credits are included in net appreciation of fair value of investments.

According to the agreement between the Company and Bank of America, N.A. and Merrill Lynch, the service providers, there is revenue sharing credits/contributions to an Expense Budget Account (EBA). The funds in the EBA may be used to pay Plan administrative expenses. As of December 31, 2021 and 2020, funds of \$111,650 and \$3,376 were available in the EBA for future administrative expenses. During the year ended December 31, 2021, \$102,874 were used to pay Plan expenses.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Benefit Payments

Benefits are recorded when paid.

Subsequent Events

The Plan has evaluated subsequent events through October 13, 2022, the date the financial statements were available to be issued (see Note 11).

NOTE 3 CERTIFICATION OF INVESTMENT INFORMATION

The Plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Bank of America, N.A., the trustee, have supplied the Plan administrator with a certification as to the completeness and accuracy of the notes receivable from participants and all investment information presented in the accompanying statements of net assets available for benefits as of December 31, 2021 and 2020, the statement of changes in net assets available for benefits for the year ended December 31, 2021, and the supplemental schedule of assets (held at end of year) as of December 31, 2021.

NOTE 4 FAIR VALUE OF INVESTMENTS

Financial Accounting Standards Board (FASB) *Accounting Standards Codification* (ASC) 820, *Fair Value Measurements and Disclosures*, provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described as follows:

Level 1 – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 – Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

- quoted prices for similar assets or liabilities in active markets;
- quoted prices for identical or similar assets or liabilities in inactive markets;
- inputs other than quoted prices that are observable for the asset or liability;
- inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 4 FAIR VALUE OF INVESTMENTS (CONTINUED)

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair market value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. Management has re-evaluated and changed the method of valuation of the pool separate accounts from reporting at net asset value (NAV) to reporting them in the fair value table.

Mutual Funds: Valued at the daily closing price as reported by the fund. Funds held by the Plan are open-end funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily NAV and to transact at that price. The funds held by the Plan are deemed to be actively traded.

Collective Fund: Valued daily at the NAV of units of the bank collective trust. NAV is a readily determinable fair value and is the basis for current transactions. Participant transactions (purchases and sales) may occur daily.

Self-Directed Brokerage Accounts: Consist primarily of common stock and mutual funds that are valued on the basis of readily determinable quoted market prices.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2020:

	Level 1	Level 2	Level 3	Total
Mutual Funds	\$ 59,964,457	\$ -	\$ -	\$ 59,964,457
Collective Trust Fund	-	2,623,510	-	2,623,510
Self-Directed Accounts	1,520,428	-	-	1,520,428
Total Investments at Fair Value	<u>\$ 61,484,885</u>	<u>\$ 2,623,510</u>	<u>\$ -</u>	<u>\$ 64,108,395</u>

In conjunction with the change in service providers, there were no investments held by the Plan as of December 31, 2021 (see Note 11).

NOTE 5 RISKS AND UNCERTAINTIES

The Plan provides for investment in a variety of investment funds. In general, investments are exposed to various risks, such as interest rate, credit, and overall market volatility risk. Due to the level of risk associated with certain investments, it is reasonably possible that changes in the values of the investments will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 6 PLAN TERMINATION

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, the participants will become 100% vested in their discretionary matching and nonelective accounts.

NOTE 7 PLAN TAX STATUS

The Plan is placing reliance on a determination letter dated June 16, 2017 received from the IRS on the Plan indicating that the Plan is qualified under Section 401 of the IRC and is, therefore, not subject to tax under current income tax law. The Plan has been amended since receiving the determination letter. However, the Plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

NOTE 8 PARTY-IN-INTEREST TRANSACTIONS

The Plan investments are held by Bank of America, N.A., the trustee. Therefore, the investment transactions qualify as party-in-interest.

NOTE 9 RECONCILIATION TO FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500 as of December 31:

	2021	2020
Net Assets Available for Benefits per the Financial Statements	\$ 64,772,307	\$ 65,257,205
Deemed Loan Distributions	-	(38,807)
Net Assets Available for Benefits per the Form 5500	<u>\$ 64,772,307</u>	<u>\$ 65,218,398</u>

The following is a reconciliation of net decrease per the financial statements to the Form 5500 as of December 31, 2021:

Net Increase per the Financial Statements	\$ 4,534,894
Change in Deemed Loan Distributions	38,807
Net Increase - per Form 5500	<u>\$ 4,573,701</u>

**GREEN PLAINS INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 AND 2020**

NOTE 10 PLAN MERGERS

During 2021, the Company sold Green Plains Cattle Company, LLC. Effective January 1, 2021, the Company resolved to merge this group into the Employer Flexible 401(k) Plan as part of the sale. Assets in the amount of \$4,326,644 merged out the Plan on January 1, 2021.

During 2021, the Company sold Hereford Ethanol Division of Green Plains, Inc. Effective April 1, 2021, the Company resolved to merge this group into the Hereford Ethanol Partners LP 401(k) Plan as part of the sale. Assets in the amount of \$693,148 merged out the Plan on April 1, 2021.

NOTE 11 SUBSEQUENT EVENTS

Effective January 1, 2022, the Company resolved to change service providers from Bank of America, N.A, the trustee, and Merrill Lynch, the third-party recordkeeper, to Great-West Trust Company, the custodian, Empower Retirement, the third-party recordkeeper and Mercer Trust Company, the trustee. All assets were liquidated as of December 31, 2021 and transferred with the notes receivable from participants to the new provider on January 1, 2022.

During 2021, the Company acquired Fluid Quip Technologies, LLC. Effective January 1, 2022, the Company resolved to merge the Fluid Quip Technologies, LLC 401(k) Profit Sharing Plan into the Plan. Assets in the amount of \$2,904,540 merged into the Plan on January 1, 2022.

GREEN PLAINS INC. 401(K) PLAN
E.I.N. 84-1652107 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR)
DECEMBER 31, 2021

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost **	Current Value
*	Participants	Participant Loans Rates from 4.25% to 6.50%	-	\$ 850,093

* Indicates party-in-interest

**Cost omitted for participant-directed accounts

