

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 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A	This return/report is for: ☐ a multiemployer plan ☒ a single-employer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☐ 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 ALLTECH SAVINGS & RETIREMENT PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 05/04/1987
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) ALLTECH, INC. 3031 CATNIP HILL RD NICHOLASVILLE, KY 40356-8700
2b	Employer Identification Number (EIN) 61-0977517
2c	Plan Sponsor's telephone number 859-885-9613
2d	Business code (see instructions) 311110

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.	10/16/2023	SCOTT NIELSEN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/16/2023	SCOTT NIELSEN
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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 1859
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		6a(1) 1365
a(2) Total number of active participants at the end of the plan year		6a(2) 1359
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits.....		6c 413
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 1772
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 5
f Total. Add lines 6d and 6e		6f 1777
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 1636
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 227
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 2S 2T 3D 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) ☒ 1 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 2022 Form M-1 annual report. If the plan was not required to file the 2022 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 A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance 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. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan ALLTECH SAVINGS & RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 ALLTECH, INC.	D Employer Identification Number (EIN) 61-0977517

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier PRINCIPAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
42-0127290	61271	413304	1777	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid 3104	(b) Total amount of fees paid 0
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3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid PRINCIPAL SECURITIES INC 711 HIGH ST DES MOINES, IA 50392-0001
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(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
3104	0		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end.....	4	0
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	6307620

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount..... Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☒ other ▶ **FLEXIBLE INVESTMENT ANNUITY**

b	Balance at the end of the previous year	7b	
c	Additions: (1) Contributions deposited during the year	7c(1)	
	(2) Dividends and credits.....	7c(2)	
	(3) Interest credited during the year.....	7c(3)	
	(4) Transferred from separate account.....	7c(4)	
	(5) Other (specify below)	7c(5)	
	▶		
	(6) Total additions.....	7c(6)	
d	Total of balance and additions (add lines 7b and 7c(6))	7d	
e	Deductions:		
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	
	(2) Administration charge made by carrier.....	7e(2)	
	(3) Transferred to separate account.....	7e(3)	
	(4) Other (specify below)	7e(4)	
	▶		
	(5) Total deductions.....	7e(5)	
f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	0

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
b ☐ Dental
c ☐ Vision
d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
f ☐ Long-term disability
g ☐ Supplemental unemployment
h ☐ Prescription drug
i ☐ Stop loss (large deductible)
j ☐ HMO contract
k ☐ PPO contract
l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve.....	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs.....	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges.....	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement.....		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).).....		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

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
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan ALLTECH SAVINGS & RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 ALLTECH, INC.	D Employer Identification Number (EIN) 61-0977517	

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
PRINCIPAL LIFE INSURANCE COMPANY
42-0127290

(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)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(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?
13 37 50 64	CONTRACT ADMINISTRATOR	207594	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

PRINCIPAL SECURITIES INC

42-0941553

(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?
49 55 99	OTHER SERVICES	0	Yes ☒ No ☐	Yes ☐ No ☒	86896	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
PRINCIPAL SECURITIES INC	49 55 99	86896
(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.	
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	COMMISSIONS AND REFERRAL/SERVICE FEE	
(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
(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

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

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

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan 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 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan ALLTECH SAVINGS & RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 ALLTECH, INC.	D Employer Identification Number (EIN) 61-0977517	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN MIDCAP VALUE I SA-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-043	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3907031	
a Name of MTIA, CCT, PSA, or 103-12 IE: PRINCIPAL DIV REAL ASSET SA-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-123	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2400589	
a Name of MTIA, CCT, PSA, or 103-12 IE: NT COLL S&P 500 IDX FD TIER 3			
b Name of sponsor of entity listed in (a): NORTHERN TRUST GLOBAL INVESTMENTS			
c EIN-PN 45-6138589-002	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 33055305	
a Name of MTIA, CCT, PSA, or 103-12 IE: NT COLL AGGREGT BD IDX TIER 3			
b Name of sponsor of entity listed in (a): NORTHERN TRUST GLOBAL INVESTMENTS			
c EIN-PN 45-6138589-088	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1396617	
a Name of MTIA, CCT, PSA, or 103-12 IE: NT COL RUSSELL 2000 IDX TIER 3			
b Name of sponsor of entity listed in (a): NORTHERN TRUST GLOBAL INVESTMENTS			
c EIN-PN 45-6138589-107	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1847337	
a Name of MTIA, CCT, PSA, or 103-12 IE: NT COLL S&P 400 IDX FD TIER 3			
b Name of sponsor of entity listed in (a): NORTHERN TRUST GLOBAL INVESTMENTS			
c EIN-PN 45-6138589-105	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4011269	
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD RET SAVINGS TR IV			
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY			
c EIN-PN 61-6451184-025	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 14877649	

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
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
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
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
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
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
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
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
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
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**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

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 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>ALLTECH SAVINGS & RETIREMENT 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>ALLTECH, INC.</u>	D Employer Identification Number (EIN) <u>61-0977517</u>	

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
b Receivables (less allowance for doubtful accounts):	
(1) Employer contributions.....	1b(1)
(2) Participant contributions.....	1b(2)
(3) Other.....	1b(3)
c General investments:	
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)
(2) U.S. Government securities	1c(2)
(3) Corporate debt instruments (other than employer securities):	
(A) Preferred	1c(3)(A)
(B) All other	1c(3)(B)
(4) Corporate stocks (other than employer securities):	
(A) Preferred	1c(4)(A)
(B) Common.....	1c(4)(B)
(5) Partnership/joint venture interests	1c(5)
(6) Real estate (other than employer real property)	1c(6)
(7) Loans (other than to participants).....	1c(7)
(8) Participant loans.....	1c(8)
(9) Value of interest in common/collective trusts.....	1c(9)
(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)
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)
(15) Other	1c(15)

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(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	198134957	162153453

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
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	198134957	162153453
---	-----------	-----------	-----------

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)	5321547	
(B) Participants	2a(1)(B)	8987265	
(C) Others (including rollovers)	2a(1)(C)	1469641	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		15778453
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	91086	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		91086
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1957761	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		1957761
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(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)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-9151229
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		-472444
(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)		-23747950
c Other income	2c		554
d Total income. Add all income amounts in column (b) and enter total	2d		-15543769
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	20256624	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		20256624
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		1062
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)	208501	
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		208501
j Total expenses. Add all expense amounts in column (b) and enter total	2j		20466187
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-36009956
l Transfers of assets:			
(1) To this plan	2l(1)		28452
(2) From this plan	2l(2)		

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: DEAN DORTON ALLEN FORD PLLC

(2) EIN: 27-3858252

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		1423

	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		750000
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			

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)

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 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan ALLTECH SAVINGS & RETIREMENT PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 ALLTECH, INC.		D Employer Identification Number (EIN) 61-0977517
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 0
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): 42-0127290		
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) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (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
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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 _____



Financial Statements and Supplemental Schedule
for

ALLTECH SAVINGS & RETIREMENT PLAN

As of December 31, 2022 and 2021
and for the Year Ended December 31, 2022
with Report of Independent Auditors

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Report of Independent Auditors

To the Participants and Plan Administrator of
Alltech Savings & Retirement Plan
Nicholasville, Kentucky

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the financial statements of Alltech Savings & Retirement Plan (the 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 statements of net assets available for benefits as of December 31, 2022 and 2021, the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's 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 (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section:

- The amounts and disclosures in the accompanying financial statements, 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 (GAAP).
- The information in the accompanying financial statements 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

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. 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 Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with GAAP, 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 the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or 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.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit 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 auditor's 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.

Auditor's Responsibilities for the Audit of the Financial Statements, continued

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 the 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 the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits 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 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 GAAP.

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 GAAP.

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 Matter - Supplemental Schedule Required by ERISA

The supplemental Schedule H, line 4i Schedule of Assets (Held at End of Year) as of December 31, 2022, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the DOL'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.

Other Matter - Supplemental Schedule Required by ERISA, continued

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 DOL'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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified 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).

Dean Dotson Allen Ford, PLLC

Lexington, Kentucky
October 16, 2023

ALLTECH SAVINGS & RETIREMENT PLAN

Statements of Net Assets Available for Benefits

December 31, 2022 and 2021

Assets	<u>2022</u>	<u>2021</u>
Investments, at fair value	\$ 160,350,607	\$ 196,127,489
Contributions receivable - employer	328,691	351,085
Notes receivable from participants	<u>1,473,366</u>	<u>1,656,383</u>
Net assets available for benefits	\$ <u>162,152,664</u>	\$ <u>198,134,957</u>

See accompanying notes.

ALLTECH SAVINGS & RETIREMENT PLAN

Statement of Changes in Net Assets Available for Benefits

Year ended December 31, 2022

Additions (reductions) to net assets attributed to:

Investment income (loss):

Net depreciation in fair value of investments

\$ (33,593,512)

Interest and dividends

2,180,204

Total investment loss

(31,413,308)

Interest on notes receivable from participants

91,086

Contributions:

Participant

8,987,265

Employer

5,320,758

Rollovers

1,469,641

Total contributions

15,777,664

Total reductions

(15,544,558)

Deductions from net assets attributed to:

Benefits paid to participants

20,257,686

Administrative expenses

208,501

Total deductions

20,466,187

Net decrease

(36,010,745)

Transfer from Alltech Beverage Division, LLC 401(k) Plan

28,452

Net assets available for benefits:

Beginning of year

198,134,957

End of year

\$ 162,152,664

See accompanying notes.

ALLTECH SAVINGS & RETIREMENT PLAN

Notes to the Financial Statements

1. Description of the Plan

The following description of the Alltech Savings & Retirement Plan (the Plan) provides only general information. Participants should refer to the Plan adoption agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan covering eligible employees of Alltech, Inc. (Plan Administrator or Plan Sponsor) and its participating subsidiaries. Effective July 15, 2022, the Plan was restated. The Plan is a multiple employer plan as described in Internal Revenue Code (IRC) Section 413(c). The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The Plan is administered by a trust, the trustee of which is Principal Trust Company (Principal Trust), a member of Principal Financial Group (Principal Financial). The Plan Sponsor's Retirement Committee is responsible for oversight of the Plan. The Retirement Committee determines the appropriateness of the Plan's investment offerings, monitors investment performance and reports to the Plan Sponsor's management. The Plan covers employees of the participating employers, including Alltech, Inc., Improcrop USA, Inc. d/b/a Alltech Crop Science, Connemara Management Group and Ridley USA, Inc.

Eligibility

Employees are eligible to participate in the Plan on their hire date as long as they are at least 18 years of age. All employees, except interns, leased, or temporary employees, become eligible to participate in the Plan on the first pay period following their date of employment. At that time, participants can begin deferring compensation into the Plan, and become eligible for both the employer matching and employer nonelective contributions.

Contributions

Each year, non-union participants may contribute a minimum of 4% of pre-tax annual compensation up to the IRC maximum annual contribution limit, as defined in the Plan. Additionally, non-union participants may designate all or a portion of their elective deferral contributions as after-tax Roth contributions instead of pre-tax contributions. Non-union participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Non-union participants may also contribute amounts representing rollover distributions from other qualified plans. The Plan includes an auto-enrollment provision whereby all newly eligible non-union employees are automatically enrolled in the Plan unless they affirmatively elect not to participate in the Plan. Automatically enrolled non-union participants have their deferral rate set at 4% of eligible compensation (increased 1% at the beginning of each year, up to a maximum of 10%, unless the participant affirmatively elects otherwise).

The Plan Sponsor contributes 100% of the first 6% of base compensation that a non-union participant contributes to the Plan.

ALLTECH SAVINGS & RETIREMENT PLAN

Notes to the Financial Statements, continued

1. Description of the Plan, continued

Contributions, continued

Contributions for union employees are based upon the individual union collective bargaining agreements. The Plan Sponsor contributions, as agreed upon in the union collective bargaining agreements, are summarized below by each union plant location:

Alexandria, Minnesota	Prior to January 1, 2022, participants could contribution to the Plan with no Plan Sponsor match and the Plan Sponsor was obligated to make a company required contribution (CRC) as defined by the agreements. Effective January 1, 2022, the CRC ceased and employees receive a match by the Plan Sponsor, up to a 3.5%, based on their personal deferral percentage.
Huron, South Dakota	Prior to January 1, 2022, the Plan Sponsor was obligated to make a CRC as defined by the agreements. Effective January 1, 2022, participants may contribute to the Plan, with the Plan Sponsor matching 50% of the first 8% of base compensation.
Mankato, Minnesota	Prior to January 1, 2022, participants could contribution to the Plan with no Plan Sponsor match and the Plan Sponsor was obligated to make a CRC as defined by the agreements. Effective January 1, 2022, the CRC ceased and employees receive a match by the Plan Sponsor, up to a 3%, based on their personal deferral percentage.
Mendota, Illinois	Prior to January 1, 2022, the Plan Sponsor was obligated to make a CRC as defined by the agreements; however, in lieu of the CRC, participants could contribute to the Plan, with the Plan Sponsor matching 100% of the first 3% of base compensation. Effective January 1, 2022, the CRC ceased and employees not contributing receive a 3% match by the Plan Sponsor while those that are contributing receive up to a 6% match by the Plan Sponsor.
Rapid City, South Dakota and Worthington, Minnesota	Prior to January 1, 2022, the Plan Sponsor was obligated to make a CRC as defined by the agreements. Effective January 1, 2022, the CRC ceased and participants may not contribute to the Plan.
Watertown, South Dakota	Prior to January 1, 2022, the Plan Sponsor was obligated to make a CRC as defined by the agreements; however, in lieu of the CRC, participants could contribute to the Plan, with the Plan Sponsor matching 100% of the first 4% of base compensation. Effective January 1, 2022, the CRC ceased and participants could still contribute to the Plan, with the Plan Sponsor matching 100% of the first 4% of base compensation. Effective March 1, 2022, the match increased to 100% of the first 6% of base compensation.

ALLTECH SAVINGS & RETIREMENT PLAN

Notes to the Financial Statements, continued

1. Description of the Plan, continued

Participant Accounts

Individual accounts are maintained for each Plan participant. Each participant's account is credited with the participant's contribution and the Plan Sponsor's matching contributions, an allocation of Plan earnings or losses, and administrative expenses. Allocations are based on participant earnings or account balances, as defined in the Plan adoption agreement. Administrative expenses are charged to each participant's account when a benefit distribution is processed. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Investment Options

Participants direct the investment of their contributions into various investment options offered by the Plan. If no such direction is made, participant accounts are invested in accordance with default investment alternatives as established under the Plan. Contributions from automatically enrolled participants are invested in a designated balanced fund until changed by the participant. The Plan Sponsor's contributions are automatically invested in the same investment options at the same percentage as participant deferral contributions.

Vesting

Participants are vested immediately in their contributions and the Plan Sponsor's safe harbor and matching contributions plus actual earnings thereon. Participants are vested in the Plan Sponsor's nonelective contributions according to the following schedule:

<u>Years of Service</u>	<u>Vesting Percentage</u>
Less than 2	0%
2 or more	100%

If a participant dies or becomes disabled, he or she is automatically 100% vested in all accounts.

Participant Loans

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, reduced by any outstanding loan balance. Participants may not have more than one loan outstanding at any time. The loans are secured by the balance in the participant's account. The loan interest rate, determined quarterly, is set at 2% above the prime rate, as defined. Principal and interest are paid ratably through payroll deductions and payments are due at least quarterly. The maximum term of a loan for the purchase of a primary residence is 10 years. The maximum term of all other loans is 5 years.

ALLTECH SAVINGS & RETIREMENT PLAN

Notes to the Financial Statements, continued

1. Description of the Plan, continued

Payment of Benefits

On termination of service due to death, disability, retirement, or other reasons, a participant whose vested account balance is greater than \$5,000 (excluding amounts attributable to rollover contributions) may elect to receive either a single lump sum amount equal to the value of the participant's vested interest in his or her account, or a single sum payment of a portion of the participant's vested interest in his or her account. On termination of service, a participant whose vested account balance is not greater than \$5,000 (excluding amounts attributable to rollovers) will receive his or her benefits as a single lump sum payment.

Forfeited Accounts

As of December 31, 2022 and 2021, forfeited accounts totaled \$1,816 and \$1,058, respectively. These accounts will be used to reduce future employer contributions and to cover administrative expenses. During 2022, employer contributions were reduced by \$345,358 from forfeited nonvested accounts.

Risks and Uncertainties

The Plan provides for participant directed investment options in various securities. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the financial statements.

Administrative Expenses

Certain expenses of maintaining the Plan are paid by the Plan as provided by the Plan adoption agreement. All other administrative expenses are paid by the Plan Sponsor.

2. Summary of Significant Accounting Policies

The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP) which require management to make estimates and assumptions that affect the reported amounts and disclosures in the financial statements. Actual results could differ from those estimates. The following is a summary of the significant accounting policies consistently followed by the Plan in the preparation of its financial statements:

Investment Valuation and Income Recognition

The Plan's investments are stated 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. 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 or depreciation includes the Plan's gains or losses on investments bought and sold as well as held during the year.

ALLTECH SAVINGS & RETIREMENT PLAN

Notes to the Financial Statements, continued

2. Summary of Significant Accounting Policies, continued

The fair value of certain alternative investments is determined using net asset value (NAV) per share as a practical expedient when the fair value is not readily determinable, unless it is probable that the investment will be sold at something other than NAV.

Management fees and operating expenses charged to the Plan for investments in the mutual funds are deducted from income earned on a daily basis and are not separately reflected. Consequently, management fees and operating expenses are reflected as a reduction of investment return for such investments.

Notes Receivable from Participants

Participant loans are classified as notes receivable from participants and are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent loans are treated as distributions based upon the terms of the Plan adoption agreement.

Payment of Benefits

Benefit payments to participants are recorded when paid.

Subsequent Events

The Plan's management has evaluated subsequent events for accounting and disclosure requirements through October 16, 2023, the date that the financial statements were available to be issued.

3. Information Certified or Provided by Trustee

The Plan's asset information included in this note and throughout the Plan's financial statements and supplemental schedule was prepared by or derived from information provided by Principal Trust, the trustee of the Plan, and furnished to the Plan Administrator. The Plan Administrator has obtained certifications from the trustee that asset information provided to the Plan Administrator by the trustee related to the asset information is complete and accurate. Accordingly, as permitted by 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA, the Plan Administrator instructed the Plan's independent auditors not to perform any auditing procedures with respect to asset information in this note and which appears throughout the financial statements and the supplemental schedule.

ALLTECH SAVINGS & RETIREMENT PLAN

Notes to the Financial Statements, continued

3. Information Certified and Provided by Trustee, continued

The following table presents the fair value of assets in the Plan that were certified by Principal Trust.

	<u>2022</u>	<u>2021</u>
Mutual funds	\$ 98,854,810	\$ 124,187,015
Pooled separate accounts	6,307,620	5,341,453
Collective trusts	<u>55,188,177</u>	<u>66,599,021</u>
Total investments	\$ <u>160,350,607</u>	\$ <u>196,127,489</u>
Notes receivable from participants	\$ 1,473,366	\$ 1,656,383

Principal Trust also certified to the completeness and accuracy of \$33,593,512 of net realized and unrealized depreciation in the fair value and \$2,180,204 of interest and dividends related to the investments and \$91,086 of interest on the notes receivable from participants for the year ended December 31, 2022.

4. Fair Value Measurements

The Plan classifies its investments based on a hierarchy consisting of: Level 1 (valued using quoted prices from active markets for identical assets), Level 2 (not traded on an active market but for which observable market inputs are readily available), and Level 3 (valued based on significant unobservable inputs). The asset's 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 on a recurring basis:

Mutual funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual 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 mutual funds held by the Plan are deemed to be actively traded.

Pooled separate accounts: Valued at NAV per share based on quoted market prices of underlying investments. The NAV, as provided by the trustee, is used as a practical expedient to estimating fair value.

Collective trusts: Valued based on the NAV of units of the collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimating fair value. The NAV is based upon the fair value of the underlying investments comprising the trust less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV.

There have been no changes in the valuation methodologies used at December 31, 2022 and 2021.

ALLTECH SAVINGS & RETIREMENT PLAN

Notes to the Financial Statements, continued

4. Fair Value Measurements, continued

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan Administrator believes the valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following table sets forth by level, within the fair value hierarchy, the Plan's investments at fair value as of December 31:

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
<u>2022</u>				
Investments measured at fair value:				
Mutual funds	\$ <u>98,854,810</u>	\$ <u>-</u>	\$ <u>-</u>	\$ 98,854,810
Investments measured at NAV:				
Pooled separate accounts				6,307,620
Collective trusts				<u>55,188,177</u>
Total investments at fair value				<u>\$160,350,607</u>
<u>2021</u>				
Investments measured at fair value:				
Mutual funds	\$ <u>124,187,015</u>	<u>-</u>	<u>-</u>	\$124,187,015
Investments measured at NAV:				
Pooled separate accounts				5,341,453
Collective trusts				<u>66,599,021</u>
Total investments at fair value				<u>\$196,127,489</u>

In accordance with accounting standards, investments in 2022 and 2021 that are measured at fair value using the NAV practical expedient have not been classified as Level 1, 2 or 3 in the fair value hierarchy, but are included above to permit reconciliation of the fair value hierarchy tables to the amounts presented in the statements of net assets available for benefits.

To assess the appropriate classification of investments within the fair value hierarchy, the availability of market data is monitored. Changes in economic conditions or valuation techniques may require the transfer of investments from one fair value level to another. Plan management evaluates the significance of transfers between levels based upon the nature of the investment and size of the transfer relative to total net assets available for benefits. For the year ended December 31, 2022, there were no significant transfers in or out of Level 3.

ALLTECH SAVINGS & RETIREMENT PLAN

Notes to the Financial Statements, continued

4. Fair Value Measurements, continued

The following table summarizes investments measured at fair value based on NAV per share as a practical expedient as of December 31, 2022 and 2021:

	Fair Value <u>12/31/22</u>	Fair Value <u>12/31/21</u>	Unfunded <u>Commitment</u>	Redemption <u>Frequency</u>	Redemption Notice <u>Period</u>
Pooled separate accounts	\$ 6,307,620	\$ 5,341,453	N/A	Daily	Daily
Collective trusts:					
Equity index funds	40,310,528	53,786,737	N/A	Daily	Daily
Stable value fund	<u>14,877,649</u>	<u>12,812,284</u>	N/A	Daily	Daily
	<u>55,188,177</u>	<u>66,599,021</u>			
Total	<u>\$ 61,495,797</u>	<u>\$ 71,940,474</u>			

5. Exempt Party-in-Interest Transactions

Certain Plan investments are shares of mutual funds or units of collective investment trusts and pooled separate account funds managed by Principal Financial or its related companies. Principal Trust, a member of Principal Financial, is the trustee as defined by the Plan, therefore, these transactions qualify as party-in-interest. Administrative expenses of \$208,501 for the year ended December 31, 2022 are comprised of fees paid by the Plan to Principal Financial or its related companies for investment management services and withdrawal charges.

Additionally, indirect fees are paid to Principal Financial or its related companies based on investment account values. These fees range from 0.02% to 1.05% of the investment account value. The fees are included with net depreciation in fair value of investments on the statement of changes in net assets available for benefits.

6. Tax Status

The Plan uses a prototype Plan document sponsored by Principal Life Insurance Co. Principal Life Insurance Co. received an opinion letter from the Internal Revenue Service (IRS), dated June 30, 2020, which states that the prototype document satisfies the applicable provisions of the IRC. The Plan itself has not received a determination letter from the IRS. However, the Plan's management believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC.

7. Plan Termination

Although it has not expressed any intention to do so, the Plan Sponsor has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA. In the event of plan termination, participants would become 100% vested in their employer contributions.

ALLTECH SAVINGS & RETIREMENT PLAN

Notes to the Financial Statements, continued

8. Reconciliation to Form 5500

A reconciliation of net assets available for benefits per the financial statements to the Form 5500 as of December 31, 2022 and 2021 is as follows:

	<u>2022</u>	<u>2021</u>
Net assets available for benefits per financial statements	\$162,152,664	\$198,134,957
Contributions receivable - employer	<u>789</u>	<u>-</u>
Net assets per Form 5500	<u>\$162,153,453</u>	<u>\$198,134,957</u>

A reconciliation of the net decrease in net assets available for benefits per the financial statements to the net loss per Form 5500 for the year ended December 31, 2022 is as follows:

	<u>2022</u>
Net decrease in net assets available for benefits per the financial statements	\$ (36,010,745)
Net depreciation in fair value of investments	221,889
Interest and dividends	(222,443)
Employer contributions	789
Other income	<u>554</u>
Net loss per Form 5500	<u>\$ (36,009,956)</u>

ALLTECH SAVINGS & RETIREMENT PLAN

Schedule H, line 4i - Schedule of Assets (Held at End of Year)

December 31, 2022

Plan Sponsor: Alltech Savings and Retirement Plan

Plan Sponsor's EIN: 61-0977517

Plan Number: 002

(a)	(b)	(c)	(d)	(e)
		Description of investment including maturity date, rate of interest, collateral, par or maturity value	Cost	Current value
Identity of issue, borrower, lessor, or similar party				
Northern Trust Coll S&P 500 Idx Fd Tier 3		Collective Trust	**	\$ 33,055,305
Vanguard Retirement Savings		Collective Trust	**	14,877,649
Vanguard Tgt Rmt 2025 Inv Fund		Mutual Funds	**	10,925,161
Vanguard Tgt Rmt 2040 Inv Fund		Mutual Funds	**	10,240,485
Vanguard Tgt Rmt 2035 Inv Fund		Mutual Funds	**	9,753,887
Vanguard Tgt Rmt 2045 Inv Fund		Mutual Funds	**	9,471,675
Vanguard Tgt Rmt 2030 Inv Fund		Mutual Funds	**	8,837,062
Vanguard Tgt Rmt 2050 Inv Fund		Mutual Funds	**	8,364,204
Vanguard Tgt Rmt 2055 Inv Fund		Mutual Funds	**	6,048,400
Metropolitan Wt TI Rtn Bd Plan		Mutual Funds	**	4,889,307
MassMutual Sel Midcp Gr Ins Fund		Mutual Funds	**	4,647,039
American Funds EuroPacific Grth R6 Fund		Mutual Funds	**	4,604,993
Vanguard Tgt Rmt 2020 Inv Fund		Mutual Funds	**	4,326,951
Northern Trust Coll S&P 400 Idx Fd Tier 3		Collective Trust	**	4,011,269
* Principal MidCap Value III SA-Zt		Pooled Separate Accounts	**	3,907,031
Vanguard Tgt Rmt Inc Inv Fund		Mutual Funds	**	3,646,474
Vanguard Tgt Rmt 2060 Inv Fund		Mutual Funds	**	2,943,046
Vanguard Explorer Admiral Fund		Mutual Funds	**	2,928,719
* Principal Diversified Real Asset SA-Z		Pooled Separate Accounts	**	2,400,589
Victory Sycamore Sm Co Opp R6 Fund		Mutual Funds	**	2,364,582
T. Rowe Price Intl Disc I Fund		Mutual Funds	**	2,209,780
Northern Trust Coll Russell 2000 Idx Tier 3		Collective Trust	**	1,847,337
American Century Emerging Markets R6 Fund		Mutual Funds	**	1,558,457
Northern Trust Coll Aggregate Bd Idx Tier 3		Collective Trust	**	1,396,617
Vanguard Tgt Rmt 2065 Inv Fund		Mutual Funds	**	668,285
Goldman Sachs Global Income R6		Mutual Funds	**	416,181
Vanguard Tgt Rmt 2070 Inv Fund		Mutual Funds	**	10,122
* Participant Loans		Maturing at various dates through 2031 at interest rates ranging from 4.25% to 10.25%	\$0	1,473,366
				<u>\$ 161,823,973</u>

* Denotes party-in-interest

**Cost information is not required by ERISA for participant-directed investments

See report of independent auditors.

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

A S & R P

EIN 61 0977517
 PLAN NUMBER 001
 PLAN YEAR 01/01/2022 TO 12/31/2022

(A)	(B) Identity of issuer, 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
	The American Funds	Registered Investment Company Am Fds EuroPacific Grth R6 Fd	\$ 0.00	\$ 4,604,994.13
	American Century Investments	Registered Investment Company Amer Century Emerg Mkts R6 Fd	\$ 0.00	\$ 1,558,456.92
	Goldman Sachs	Registered Investment Company Gldmn Sachs Gbl Cor Fix Inc R6	\$ 0.00	\$ 416,181.06
	MassMutual Financial Group	Registered Investment Company MassMutual Mid Cap Gr I Fd	\$ 0.00	\$ 4,647,038.76
	Metropolitan Life Insurance Co	Registered Investment Company Metropolitan Wt Tl Rtn Bd Plan	\$ 0.00	\$ 4,889,307.37
	Northern Trust Global Investments	Common/Collective Trust NT Col Russell 2000 Idx Tier 3	\$ 0.00	\$ 1,847,336.76
	Northern Trust Global Investments	Common/Collective Trust NT Coll Aggregt Bd Idx Tier 3	\$ 0.00	\$ 1,396,617.24
	Northern Trust Global Investments	Common/Collective Trust NT Coll S&P 400 Idx Fd Tier 3	\$ 0.00	\$ 4,011,269.00
	Northern Trust Global Investments	Common/Collective Trust NT Coll S&P 500 Idx Fd Tier 3	\$ 0.00	\$ 33,055,304.60
*	Principal Life Insurance Company	Pooled Separate Accounts Prin MidCap Value I SA-Z	\$ 0.00	\$ 3,907,030.59
*	Principal Life Insurance Company	Pooled Separate Accounts Principal Div Real Asset SA-Z	\$ 0.00	\$ 2,400,589.34
	T. Rowe Price Funds	Registered Investment Company T. Rowe Price Intl Disc I Fd	\$ 0.00	\$ 2,209,780.00
	Vanguard Group	Registered Investment Company Vanguard Explorer Admiral Fund	\$ 0.00	\$ 2,928,717.61
	Vanguard Fiduciary Trust Company	Common/Collective Trust Vanguard Ret Savings Tr IV	\$ 0.00	\$ 14,877,649.28
	Victory Funds	Registered Investment Company Victory Syca Sm Co Opp R6 Fund	\$ 0.00	\$ 2,364,581.93

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

A S & R P

EIN 61 0977517
PLAN NUMBER 001
PLAN YEAR 01/01/2022 TO 12/31/2022

(A)	(B) Identity of issuer, 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
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT INC INV FUND	\$ 0.00	\$ 3,646,473.62
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2020 INV FUND	\$ 0.00	\$ 4,326,951.45
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2025 INV FUND	\$ 0.00	\$ 10,925,160.08
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2030 INV FUND	\$ 0.00	\$ 8,837,061.79
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2035 INV FUND	\$ 0.00	\$ 9,753,887.08
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2040 INV FUND	\$ 0.00	\$ 10,240,484.81
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2045 INV FUND	\$ 0.00	\$ 9,471,674.80
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2050 INV FUND	\$ 0.00	\$ 8,364,204.48
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2055 INV FUND	\$ 0.00	\$ 6,048,400.38
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2060 INV FUND	\$ 0.00	\$ 2,943,045.56
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2065 INV FUND	\$ 0.00	\$ 668,285.49
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2070 INV FUND	\$ 0.00	\$ 10,122.30
*	Participant Loans	Range of Interest Rates Rates Range From 4.25% To 9.50%	\$ 0.00	\$ 1,473,366.00