

QUANEX CORP  
Form 11-K  
June 30, 2003

## SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### FORM 11-K

ý **Annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934**

**For the fiscal year ended December 31, 2002**

**Commission File Number 1-5725**

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

**Quanex Corporation 401 (k) Savings Plan**

B. Name of the issuer of the securities held pursuant to the plan and the address of its principal executive office:

**Quanex Corporation**  
**1900 West Loop South, Suite 1500**  
**Houston, TX 77027**

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INDEPENDENT AUDITORS REPORT

The Benefits Committee  
Quanex Corporation  
Houston, Texas

Re: Quanex Corporation 401(k) Savings Plan

We have audited the accompanying statements of net assets available for benefits of the Quanex Corporation 401(k) Savings Plan ( the Plan ) as of December 31, 2002 and 2001, and the related statements of changes in net assets available for benefits for the years then ended. These financial statements are the responsibility of the Plan s management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2002 and 2001, and the changes in net assets available for benefits for the years then ended in conformity with accounting principles generally accepted in the United States of America.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The accompanying supplemental schedule of investments as of December 31, 2002 is presented for the purpose of additional analysis and is not a required part of the basic financial statements but is supplementary information required by the Department of Labor s Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedule is the responsibility of the Plan s management. This supplemental schedule has been subjected to the auditing procedures applied in our audits of the basic financial statements and, in our opinion, are fairly stated in all material respects when considered in relation to the basic financial statements taken as a whole.

/s/ DELOITTE & TOUCHE, LLP  
DELOITTE & TOUCHE, LLP

Houston, Texas  
June 25, 2003

**QUANEX CORPORATION**  
**QUANEX CORPORATION 401(k) SAVINGS PLAN**

**STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS**

	<b>DECEMBER 31,</b>	
	<b>2002</b>	<b>2001</b>
Assets:		
Investments at fair value (see Note C)	\$ 52,525,725	\$ 50,742,841
Participant loans	1,976,331	1,670,509
Employee contributions receivable	285,779	261,698
Employer contributions receivable	383,691	254,788
	669,470	516,486
Net assets available for benefits	\$ 55,171,526	\$ 52,929,836

See notes to financial statements.

**QUANEX CORPORATION**  
**QUANEX CORPORATION 401(k) SAVINGS PLAN**

**STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE  
FOR BENEFITS**

	DECEMBER 31,	
	2002	2001
Investment income:		
Interest and dividends	\$ 730,304	\$ 1,126,935
Net depreciation in fair value of investments (see Note C)	(6,920,324)	(4,009,823)
	(6,190,020)	(2,882,888)
Contributions:		
Employer (net of forfeitures)	3,761,090	2,933,084
Employee	7,052,081	3,065,957
	10,813,171	5,999,041
Interest on participant loans	143,102	150,458
Total additions	4,766,253	3,266,611
Benefit payments	2,588,361	2,924,878
Administrative fees (see Note D)	9,629	8,472
Total deductions	2,597,990	2,933,350
Transfers between plans (see Note G)	73,427	146,417
Increase in net assets available for benefits	2,241,690	479,678
Net assets available for benefits:		
Beginning of year	52,929,836	52,450,158
End of year	\$ 55,171,526	\$ 52,929,836

See notes to financial statements.

**QUANEX CORPORATION**  
**QUANEX CORPORATION 401(k) SAVINGS PLAN**  
**Schedule H, line 4i - Schedule of Assets (Held at End of Year),**  
**December 31, 2002**

(a)	(b) Identity of issue	(c) Description of investment	(d) Cost (1)	Current Value
*	Fidelity Puritan Fund	Mutual fund	\$	837,020
*	Fidelity Magellan Fund	Mutual fund		9,966,875
*	Fidelity Contrafund	Mutual fund		5,378,633
*	Fidelity Growth & Income Fund	Mutual fund		8,146,264
*	Fidelity Independence Fund	Mutual fund		2,128,562
*	Fidelity Overseas Fund	Mutual fund		615,251
*	Fidelity Balanced Fund	Mutual fund		3,281,188
*	Fidelity Blue Chip Fund	Mutual fund		2,789,625
*	Fidelity Asset Manager Fund	Mutual fund		312,275
*	Fidelity Low-Priced Stock Fund	Mutual fund		2,718,693
*	Fidelity Government Money Market Fund	Mutual fund		9,805,573
*	Fidelity Common/Commingled trust	Mutual fund		3,337,253
	Templeton Foreign Fund	Mutual fund		589,102
	Neuberger & Berman Partners Trust Fund	Mutual fund		175,755
	<b>Total Mutual Fund Assets</b>			<b>50,082,069</b>
*	Quanex Corporation	Unitized common stock		2,443,656
*	Participant loans	Loans to participants, bearing interest rates from 5.25% to 9.50%, maturing within two to seven years		1,976,331
	<b>Total Investments</b>		\$	<b>54,502,056</b>

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\* Party-in-Interest

(1) Cost information has been omitted because all investments are participant directed.

**QUANEX CORPORATION  
401(k) SAVINGS PLAN**

**NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED DECEMBER 31, 2002 AND 2001**

A. DESCRIPTION OF THE PLAN

The following description of the Quanex Corporation 401(k) Savings Plan (the Plan), formerly the Nichols 401(k) Savings Plan, provides only general information. Participants should refer to the Plan document for more complete information.

(1) General. The Plan, sponsored by Quanex Corporation (the Company), was established on October 1, 1987, and was amended and restated in its entirety effective January 1, 1998. The Plan is a defined contribution plan that is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). It covers substantially all salaried and non-union hourly employees at the Nichols Aluminum locations and Engineered Products locations, employees of Temroc Metals, Inc., and bargaining unit employees at the Lincolnshire, Illinois plant. The assets of the Plan are held in trust by Fidelity Management Trust Company (Fidelity or the Trustee). The Benefits Committee (the Committee), appointed by the Company's Board of Directors, serves as the Plan administrator.

Effective July 1, 2001, the employees of Temroc Metals, Inc. became participants in the Plan. Effective June 1, 2002, the employees of Colonial Craft, Inc. became participants in the Plan.

(2) Contributions. Beginning January 1, 2002, participants may elect to contribute up to 50% of compensation (15% before January 1, 2002) as defined by the Plan agreement. The Bargaining unit employees at the Lincolnshire, Illinois plant are limited to a 15% contribution of compensation. The Company makes contributions on behalf of employees who have at least one year of service. The Company contribution is based on Company profits and is calculated based on a percentage of the employee's compensation.

(3) Participant Accounts. Each participant's account is credited with the participant's contribution, the employer's contribution, and an allocation of investment income. Investment income allocations are based on individual participant account balances as of the end of the period in which the income is earned.

(4) Vesting. Participants are immediately vested in their voluntary contributions and earnings thereon. Vesting in the employer contribution is based on years of credited service. A participant is 20% vested for each year of credited service and fully vested after five years. If a participant terminates employment prior to becoming fully vested, the nonvested portion of the employer contributions are immediately forfeited by the participant and utilized to reduce future employer contributions. Amounts forfeited and utilized to reduce employer contributions during 2002 and 2001 were \$86,655 and \$67,422, respectively. At December 31, 2002 and 2001, \$5,385 and \$1,170, respectively, of nonvested forfeited accounts were available to reduce future employer contributions.

(5) Payment of Benefits. The Plan is intended for long-term savings but provides for early withdrawals and loan arrangements under certain conditions. Upon termination of service, a participant may elect to receive a cash lump-sum distribution equal to the amount of vested benefits in his or her account. Terminated participants with account balances of less than \$5,000 will automatically receive a lump sum distribution.

(6) Loans. Loans may be granted to a participant of the Plan at the Committee's discretion. Loan terms range up to five years or seven years if used for the purchase of a primary residence. The loans bear a reasonable rate of interest established by the Committee. Interest on the loan is allocated to the borrower's participant account.

B. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

(1) Accounting Basis. The financial statements of the Plan are prepared on the accrual basis of accounting in accordance with generally accepted accounting principles.

(2) Investment Valuation. Investments are reflected at fair value in the financial statements. Fair value of mutual fund assets is determined using a quoted net asset value. Fair value for Quanex Corporation common stock, which is listed on the New York Stock Exchange, is determined by using the last recorded sales price. The recorded value of the common/commingled trust is at face value, which is fair value. Participant loans are stated at cost, which approximates fair value. The sale or purchase of securities is recorded on the trade date. Interest income is recorded as earned on the accrual basis. Dividends are recorded on the ex-dividend date. The net depreciation in fair value of investments consists of the net change in both the unrealized appreciation (depreciation) in fair value of investments and the net realized gains (losses) upon the sale of investments. The net change in unrealized appreciation (depreciation) and realized gains (losses) upon sale are determined using the fair values as of the beginning of the year or the purchase price if acquired since that date.

(3) Use of Estimates. The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein and disclosure of contingent assets and liabilities. Actual results could differ from these estimates.

(4) Risks and Uncertainties The Plan, through its investment options, holds various investments including foreign and domestic corporate debt and equity securities as well as obligations of the United States government. Investment securities, in general, are exposed to various risks, such as interest rate, credit and overall market volatility risk. 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.

(5) Administrative Expenses. The Company pays the administrative expenses of the Plan, except loan set up and carrying fees and redemption fees imposed on certain Fidelity funds.



(6) Payment of Benefits. Benefit payments are recorded when paid

C. INVESTMENTS

The following are investments that represent 5 percent or more of the Plan's investments.

	December 31, 2002		December 31, 2001	
	Shares	Amount	Shares	Amount
Fidelity Magellan Fund	126,227	\$ 9,966,875	107,541	\$ 11,207,877
Fidelity Contrafund	139,343	5,378,633	132,259	5,656,719
Fidelity Growth & Income Fund	268,765	8,146,264	248,051	9,272,135
Fidelity Balanced Fund	246,891	3,281,188	227,559	3,390,623
Fidelity Blue Chip Fund	87,340	3,868,750	*	*
Fidelity Low-Priced Stock Fund	108,013	2,789,625	*	*
Fidelity Government Money Market Fund	9,805,573	9,805,573	8,515,042	8,515,042
Fidelity Common/Commingled Trust	3,337,253	3,337,253	2,716,594	2,716,594

\* represents less than 5% for the period

During the years ended 2002 and 2001, the Plan's investments (including gains and losses on investments bought and sold, as well as held during the year) appreciated / (depreciated) in value as follows:

	2002	2001
Mutual funds	\$ (7,254,878)	\$ (4,850,622)
Quanex unitized common stock	334,554	840,799
	\$ (6,920,324)	\$ (4,009,832)

**D. RELATED PARTY TRANSACTIONS**

Certain Plan investments are shares of mutual funds managed by Fidelity. Fidelity is the trustee as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions. Fees paid by the Plan for the investment management services amounted to \$9,629 and \$8,472 for the years ended December 31, 2002 and 2001, respectively. In addition, the Plan invests in shares of Quanex Corporation unitized common stock. Quanex Corporation is the Plan sponsor as defined by the Plan and, therefore, these transactions also qualify as party-in-interest transactions. As of December 31, 2002 and 2001, the value of Quanex Corporation unitized common stock held by the Plan was \$2,443,656 and \$2,199,246, respectively.

**E. PLAN TERMINATION**

Although it has not expressed any intention to do so, the Company has the right under the Plan to terminate the Plan at any time subject to the provisions set forth in ERISA. In the event of Plan termination, the assets held by the Trustee under the Plan will be valued and fully vested, and each participant will be entitled to distributions respecting his or her account.

**F. FEDERAL INCOME TAX STATUS**

The Plan is subject to specific rules and regulations related to employee benefit plans under the Department of Labor and the Internal Revenue Service. The Plan has received a favorable letter of tax determination dated December 16, 2002. As such, the Plan is a qualified trust under Sections 401(a) and 401(k) of the Internal Revenue Code (the Code) and, as a result, is exempt from federal income tax under Section 501(a) of the Code. The Company believes the Plan is currently designed and being operated in compliance with the applicable requirements of the Code. The Company believes the Plan was qualified and the related trust was tax-exempt as of the financial statement dates.

**G. TRANSFER OF ASSETS**

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Account balances of \$38,440 and \$(183,855) were transferred between the Plan and the Quanex Corporation 401(k) Savings Plan for Hourly Employees in plan years 2002 and 2001, respectively.

The assets of the Temroc Metals, Inc. Nonbargaining unit Employees 401(k) Plan, totaling \$330,272, were transferred to the Plan on July 2, 2001.

Loan balances from employees of Colonial Craft, Inc. totaling \$34,987 were transferred to the Plan in 2002.

SIGNATURES

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

Quanex Corporation 401 (k) Savings Plan

Date: June 30, 2003

/s/ Ricardo Arredondo  
Ricardo Arredondo, Benefits Committee

INDEX TO EXHIBITS

23.1	Independents Auditor s Consent
99.1	Certification by chief financial officer pursuant to 18 U.S.C. Section 1350 as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
99.2	Certification by chief executive officer pursuant to 18 U.S.C. Section 1350 as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002