

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>DeMuth Brant</u> <hr/> (Last) (First) (Middle) GEVO, INC., 345 INVERNESS DRIVE SOUTH BUILDING C, SUITE 310 <hr/> (Street) ENGLEWOOD CO 80112 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 09/15/2011	3. Issuer Name and Ticker or Trading Symbol <u>Gevo, Inc. [GEVO]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) EVP of Strategy and Corp. Dev.	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	5,500	D	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Non-Qualified Stock Option (right to buy)	(1)	06/20/2021	Common Stock	100,000	14.81	D

Explanation of Responses:

1. This option was granted on June 20, 2011 and is exercisable as the option vests. This option vests over three years, with one-third (1/3) of the shares subject to the option vesting on June 20, 2012 and the remaining shares subject to the option vesting in equal monthly installments thereafter.

Remarks:

Exhibit 24.1 Power of Attorney

/s/ Brett Lund, Attorney-in-Fact

** Signature of Reporting Person

09/16/2011

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

POWER OF ATTORNEY

Know all by these present, that the undersigned hereby constitutes and appoints each of Mark Smith and Brett Lund, signing singly, the undersigned's true and lawful attorney-in-fact, to

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of Gevo, Inc. (the "Company"), Form 4 and 5
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 4 and 5
- (3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to the undersigned.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, lawful and proper to be done and performed in and about the premises hereinafter set forth. This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 4 and 5 with respect to the undersigned's ownership of the Company.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 16th day of September, 2011.

/s/ Brant DeMuth
Signature

Brant DeMuth
Printed Name