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# The Messenger



“... How beautiful are the feet of those who bring glad tidings of good things!” Romans 10:15

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A Weekly Publication of the Christians Meeting at  
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Website: [westlakechurchofchrist.org](http://westlakechurchofchrist.org)

Sunday: AM Bible Study – 9:30 a.m., AM Worship – 10:30 a.m., PM Worship – 5:00 p.m.; Wednesday: PM Bible Study 7:30 p.m.

*Dedicated to the Proclamation of the Truth in the Spirit of Love (Ephesians 4:15)*

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Listen to PROVE ALL THINGS on 730 AM WKRE, Sunday mornings from 8:15 to 8:30.

## Is There Nitrogen in Snow?

*by Davis Michaelsen, Pro Farmer Inputs Monitor Editor*

A blanket of post-thaw snow is currently falling over parts of the Midwest from Oklahoma to the Great Lakes. A subscriber asked a question this morning as a joke, but a little research showed that there is nitrogen in snow. In fact, snows before or after the ground has thawed can yield some great benefits to your soil.

As precipitation falls through the atmosphere, it collects atmospheric nitrogen which is in the  $\text{NH}_2$  form. When snow collects on thawed soil, it slowly melts, allowing a slow-release of  $\text{NH}_2$  into the soil profile. Conversion to  $\text{NH}_3$  and nitrate fixing takes place without the microbial paralyzing effects of commercial anhydrous ammonia. Since the ground is already thawed, most of the moisture and nitrogen seep into the soil profile, adding to the total nitrogen content.

Heavy rains and lightening also contain atmospheric nitrogen, but rains heavy enough to contain measurable N generally runoff before nitrogen fixing can take place. Lightening also adds a little of its own, but in very localized pockets where strikes hit the ground.

Of the three, snow is the best form of natural nitrogen. Not only does it allow the necessary chemical reactions to take place in the soil, it also protects micronutrients and bacteria by blanketing the ground. Scientists and old school growers have observed a 5-10 lbs. N/acre addition from late spring or early fall snow events. This is only a benefit if the soil is not frozen. Most of the nitrogen laced snow that falls on frozen ground will be lost as runoff since the soil cannot soak it in.

So take heart if you are chaining up your loader tractor to move snow here on May 2. Atmospheric nitrogen tends to be high following a dry year suggesting there is N to be had in the snow today. Some will tell you that every cloud has a silver lining. In this case, every spring snow has a nitrogen lining.

Job 38:22 “Have you entered the treasury of snow or have you seen the treasury of hail.”

## How to Cope with Television

*Author Unknown*

Television has a tremendous influence in our society. Much of that influence is directed toward the sinful and wicked. The person who desires to serve the Lord must take certain measures to insure that TV does not interfere with spiritual matters. The initials of the three major networks might serve as good reminders of how we can cope with television.

**A B C – Avoid Brainwashing Children** – Parents have the obligation to bring up their children in the nurture and admonition of the Lord (Eph. 5:4). TV is often a poor environment in which to do this. Don't use your TV for a babysitter.

**C B S – Cut Bad Shows** – It is a difficult task to keep our minds on pure thoughts (Phil. 4:8). It is almost impossible to do this if we allow the television to pour its trashy material into our minds. "Evil companions corrupt good morals" (I Cor. 15:33). Turn it off!

**N B C – Never Become Conditioned** – Most of the popular TV shows on the air today would have shocked the audience of ten or fifteen years ago. But people have allowed themselves to become conditioned to more and more profanity, nudity, and vulgarity. They have allowed television to master their time and influence their lives. Now is the time to put on the brakes.

## THERE WILL ALWAYS BE GOD

*by Leonard Murray*

They cannot shell His temple, nor dynamite His throne;  
They cannot bomb His city, nor rob Him of His own.  
They cannot take Him captive, nor strike him deaf and blind,  
Nor starve Him to surrender, nor make Him change His mind.  
They cannot cause Him panic, nor cut off His supplies;  
They cannot take His kingdom, nor hurt Him with their lies.  
Though all the world be shattered, His truth remains the same,  
His righteous laws still potent, and "Father" still His name.  
Though we face war and struggle and feel their goad and rod,  
We know above confusion there always will be God.