



Al Larson Distributing
Established in 1998

PitCharger® Press

Featured Producer: Dale & Nancy Boelman—Clarksville, IA

At first Al didn't quite know what to think when a customer of one year called and started the conversation by saying, "It's never taken this long to pump our pits before." That's how Clarksville, IA producer, Dale Boelman indicated his delight with how much manure he had gotten out of his pits after his first year of applying PitCharger.

Dale started using PitCharger on our monthly AutoShip program last January after seeing our add in the Iowa Pork Producer Magazine. At that time he had over one-and-one-half feet of heavy sludge in the bottom of his pits after pumping.

This year he was able to pump out 42 loads compared to 30 last year.

Dale said the most telling difference between this year and last was in the hose. He usually has to wrestle with it to drain the heavy sludge that was left in the hose when he stopped pumping. This year he simply stepped on it and watched the liquid drain from the hose.

Dale reported that his wife Nancy, commented on the lack of odor when the manure was pumped this year. Dale adds the difference was also obvious this summer with very little crusting and few flies. His last comment



Dale Boelman—Clarksville, IA, pictured near his two 1,200-head nurseries. Dale started AutoShip applications of PitCharger in Jan, 2010.

was that when he applied his first monthly application after pumping, he could hear the PitCharger "splash" on the liquid in the pit.

We always welcome feedback from our producers, both good and not so good, but we enjoy hearing stories like this.

About this Issue—

Here at ALD, Inc, we continue to work with producers on the challenges of feeding DDGS. We believe we may have an answer to some of the crusting and fly problems and refer you to page

two and the article entitled "Tackling the Crust".

Our testing started this last February and we have learned a lot about what doesn't work and believe we are on a promising path. We are grateful to all the producers that have helped us test this solution over the past 10 months. Stay tuned for further developments in the months ahead.

Every summer and fall for the past four years we have talked with producers about foaming. If you are having problems, give us a call and we can discuss what has worked for other producers.

Thanks also go out to Dale and Nancy Boelman of Clarksville, Iowa for being this issue's "Featured Producer". Dale had Al pretty nervous when he first called this fall, as you will read in the article above.

We look forward to working with the Boelman's in the months ahead and with all of you that we have come to know over the years. As always, we are a phone call away if we can be of any further service or assistance with your manure management concerns.

Christmas and New Years are that very special time of year when our thoughts naturally turn to family, friends and home. It is a time to give thanks for our many blessings including the special freedoms we have in this great nation. We remember those who have and who are fighting to protect that very freedom and pray for the safe return of our soldiers just as soon as possible.

**PEACE—LOVE—JOY
to You and Yours at
CHRISTMAS
and Throughout the
NEW YEAR.**



From our place to yours—
We wish you a
**Very Merry Christmas
& Happy New Year!**



Manure Digester

TACKLING THE CRUST

You can't be in the hog industry in the Midwest and not know about some of the issues with feeding DDGS: Crusting and flies, oatmeal consistency of manure on the bottom of the pit or a combination of these issues. The problem with the "non-digestible fiber" in DDGS is simply that—

It's..... "non-digestible".

We have helped many customers with PitCharger's targeted bacteria complex to liquefy the manure and help solve the oatmeal problems on the bottom of the pit, but the floating non-digestible fiber can cause some dreadful crusting and the perfect breeding environment for flies.

In February with the help of multiple producers, we began testing a new enzyme complex to break down this fiber. Among other things, we have learned there are many variables to work with: Some producers are feeding 10% DDGS and others are feeding 30%; DDGS also vary from one ethanol plant to the next. Another issue is how best to

apply the enzymes. Bacteria act like little "Pac Men" and move around the pit. Enzymes, for the most part, stay where you put them. After multiple trials (some failures) we believe we are in route to finding a solution that will work on crusting.



Gerry Kessenich stands next to his medicator system that was used to distribute the test application of PitCharger and a special formulation of enzymes prior to a washout.

In August, Gerry Kessenich, near LeMars, Iowa, treated two 1,200-head rooms. Both pits had 4 to 5 inches of crust and flies. Gerry hooked up a 10-gallon pail containing PitCharger and the new enzyme

formulation to his medicator and ran this combination through his soaker system during a wash out.

Within days the crust in one room completely disappeared and the other was a thin layer of mud. A PVC pipe could

easily be moved through the liquid in both pits. The best thing is that the crust had not returned when the pits were pumped just before Thanksgiving.

More testing is needed next spring when crusts start to form again but we felt good about what we have learned thus far and it was a good way to go into winter.

If you'd care to hear more about this, please give us a call.

On the lighter side

CHILDREN ARE QUICK

JAMES (age 4) was listening to a Bible story. His dad read: 'The man named Lot was warned to take his wife and flee out of the city but his wife looked back and was turned to salt.' Concerned, James asked: "What happened to the flea?"

TEACHER: Donald, what is the chemical formula for water?

DONALD: H I J K L M N O.

TEACHER: What are you talking about?

DONALD: Yesterday you said it's H to O.

TEACHER: Now, Simon, tell me frankly, do you say prayers before eating?

SIMON: No sir, I don't have to, my Mom is a good cook.

TEACHER: Clyde, your composition on 'My Dog' is exactly the same as your brother's. Did you copy his?

CLYDE: No, sir. It's the same dog.

The Sermon I think this Mom will never forget.... this particular Sunday sermon... 'Dear Lord,' the minister began, with arms extended toward heaven and a rapturous look on his upturned face. 'Without you, we are but dust...' He would have continued but at that moment my very obedient daughter who was listening leaned over to me and asked quite audibly in her shrill little four year old girl voice, "Mom, what is butt dust?"

LAUGHTER IS THE SOUL'S MEDICINE!!

What Others are Saying—

In a note accompanying his payment.....

"All is working well. When we started we had over 2 feet of heavy sludge in the pits and it has now pumped down to 6"-8". That's the best ever. I couldn't be happier."

Brad Venghaus
Winfield, IA

In another note from a long-time customer

"I have leased my buildings to another entity and no longer have an interest in the building. Therefore, I will no longer be using PitCharger. Thanks for the many good years that I have used your product."

Dean Radke
Alta, IA

(Our AutoShip relationship with Dean dates back 10 years. Best wishes in the future!)

Find this newsletter and past PitCharger Press editions @ our web site—PitCharger.com



Al Larson Distributing