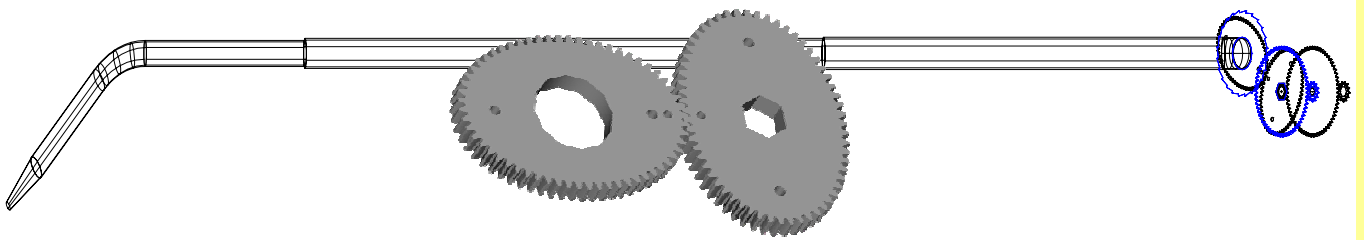


***What would you say
if we got rid of the fussiness
of our irrigator
and added to its features?
Well, Spitfire **Nova** is coming.....***



- We've eliminated the complications of the roll-over nozzle and eliminated the clutches, pull rods and oscillating motion
- We've further improved the spread pattern by using a cunning set of oval gears which speed up the boom (over the heavy application zones) and slow it down (over the light application zones) twice every revolution — *absolutely brilliant!*
- The wide wetted widths and 1.5 ha runs are unchanged
- The hydraulic cylinders and oscillating motion have been replaced by rotary motion and a small gear pump - for speed control
- We've lowered the application *quantity* to an evenly spread 5 mm
- We've even got the *application rate* down to 8 mm/hour
- And we have built in a few ace features that should reassure even Environment Southland!
- All gains with few losses—wow!!

Testing begins in June with planned availability in August/September

Simply superior effluent application

Patents applied for—beware



***Identical flow,
Identical performance,
from your dairy effluent irrigator
at every single hydrant!***

Netzsch Progressing Cavity Pumps



If you've separated the sand and *big* solids from your dairy effluent (after all they simply block irrigator nozzles) then this pump will deliver the same flow to every hydrant. It doesn't matter whether the hydrant's uphill or down on the flat, the pump flow will hardly change and irrigator performance will not alter. (Terrain excepted)

- Its motor will be half the size of a centrifugal solids pump
- It draws half the power and the cable is smaller and cheaper
- It can be mounted on the side of the pond for easy access
- It doesn't need floats and walkways
- It pumps solids up to the size of an 8 mm sphere
- It's self priming (although it should not be allowed to run dry)
- It will deliver up to 120 metres head (170 psi) - *beat that!*

Simply superior effluent application

